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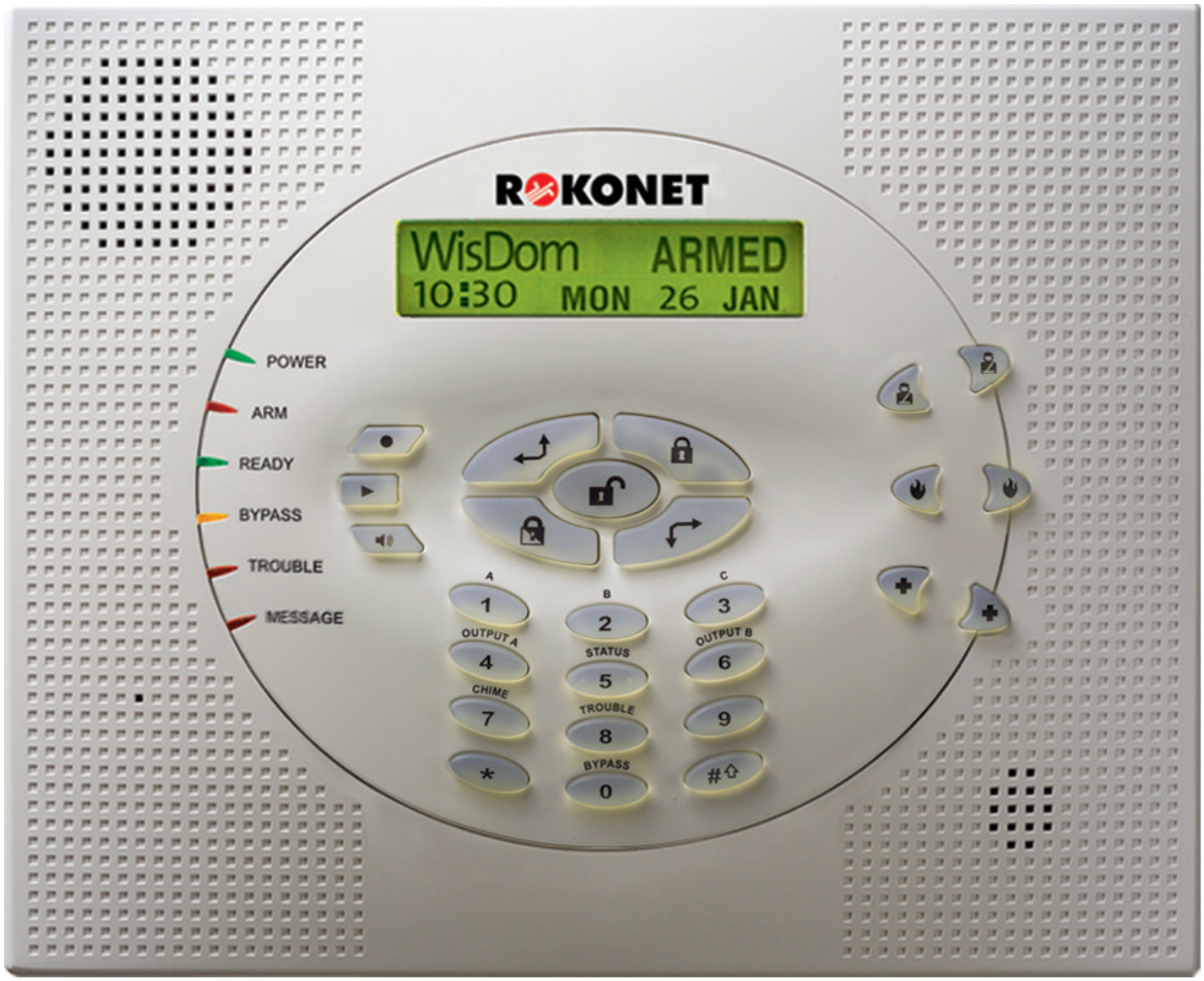


# WisDom

Wireless Domestic Security System

## Installation and Programming Manual

ROKONET
RISCO GROUP

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# Installation and Programming Manual

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# Chapter 1: Introducing WisDom

This chapter provides a basic introduction to the WisDom system ,its architecture and capabilities, as described in the following sections:


- **What is the WisDom?** below
- **WisDom Architecture and Capabilities**, page 1-2
- **WisDom Features**, page 1-3
- **Technical Specifications,** page 1-3


## What is the WisDom?

The **WisDom** is a fully featured wireless security system, providing sophisticated solutions for alerting and reporting premises alarm signals.

The **WisDom** has been specifically designed to meet a wide range of security needs of homes, offices and small commercial applications.

The **WisDom** is simple and fast to install. It has a user friendly interface that enables easy installation, programming and use. In addition, the **WisDom** can also be programmed and/or controlled through local or remote Upload/Download software installed on a PC computer with a Windows operating system.

It has a built in siren and it is designed around microprocessor and EEPROM (Electrically Erasable Programmable Read-Only Memory) technology, which stores the system's operating program, as well as its programmable parameters, without dependency on external power sources.

The **WisDom** is available in two Radio Frequencies: 433.92 MHz and 868.65 MHz.

The **WisDom** main benefits are:

- **Installer Benefits:**
  - Simple programming logic – fully menu driven
  - Wireless calibration and adjustable threshold level, enables higher false alarm immunity.
  - Actual transmitter signal strength and RF noise displayed on LCD, eliminating the need for an external strength meter.
  - All detectors supervised for presence, low battery, jamming and tamper
  - Supports all major central station reporting codes.
- **User Benefits:**
  - Full voice guide enables simple remote phone operation
  - Built in two-way voice communication to the premises.
  - Local announcement and feedback of system status.
  - Family message center.
  - Dedicated buttons for simple emergency notification
  - Quick key operation of users functions
  - Full control of voice messages and system sounds.

# WisDom Architecture and Capabilities

The following diagram provides an overview of the **WisDom**'s architecture and capabilities. Examine this figure before beginning your WisDom installation to obtain an overall picture of the full extent of the **WisDom** system's capabilities.

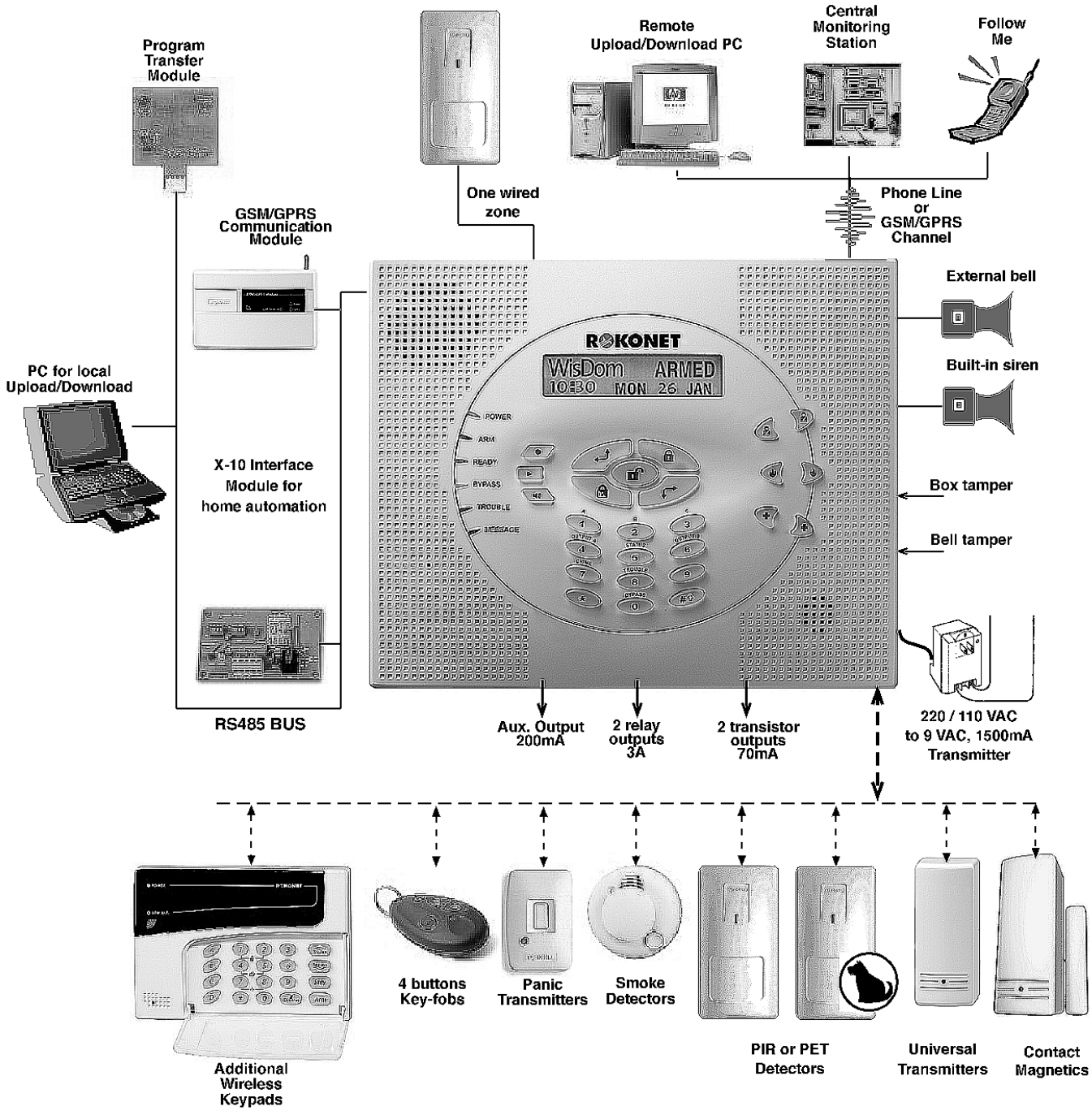



***Figure 1-1: WisDom Architecture and Capabilities***

# WisDom Features

The following illustration describes the main features of the WisDom.

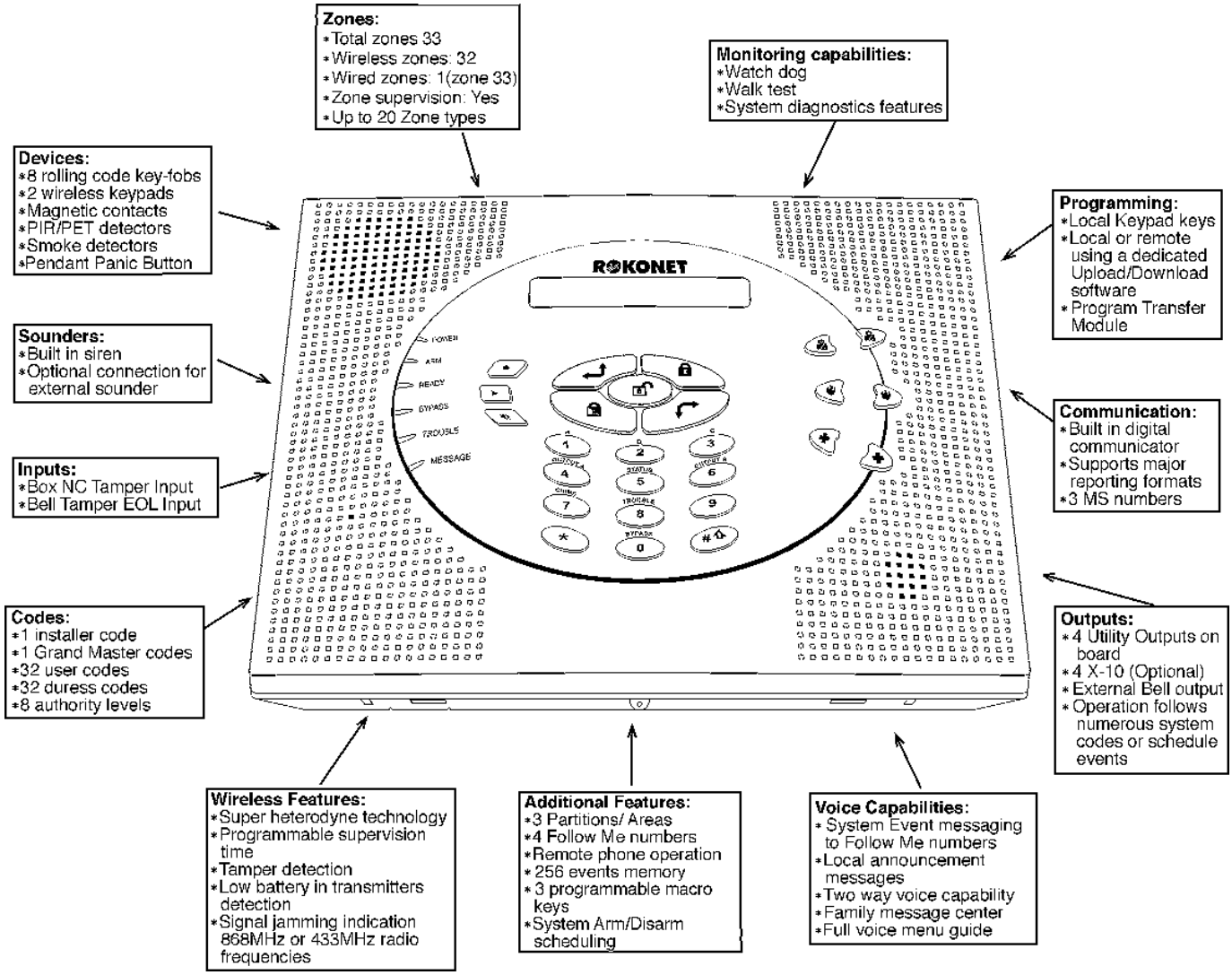



***Figure 1-2: WisDom Features***

# Technical Specifications

The following technical specifications are applicable for the **WisDom**:

| | |
|---|---|
| **Electrical Characteristics** | |
| **System Power** | 220\110VAC, External Transformer 1500mA, 9VAC |
| **Current Consumption (Standby / Maximum)** | 250 mA standby / 1200 mA maximum |
| **Backup Battery** | 6 x 1.5VDC Size AA, Alkaline<br>or<br>6 x 1.2V Size AA, rechargeable cells |
| **Relay Outputs** | 2 x 3 Amps 24 VDC programmable relay outputs |
| **Transistor Outputs** | 2 x 70mA 13.8VDC transistors (Open Collector) |
| **Auxiliary Power** | 9V DC @ 200 mA maximum |
| **Bell/LS(External) Sounder Output** | 9V DC @ 500mA maximum |
| **Internal Bell intensity** | 90 db /30 cm |
| **Operating Temperature** | 0°C to 55°C (32°F to 131°F) |
| **Physical Characteristics** | |
| **Dimension** | 24 cm x 19 cm x 4.8 cm |
| **Weight (with batteries)** | 0.970 Kg |
| **Wireless Characteristics** | |
| **RF immunity** | 20V/m 80MHz to 1GHz |
| **Frequency** | RWSAL0868xxA: Basic configuration, 868.65 MHz<br>RWSALV868xxA: Full configuration including voice, 868.65 MHz<br>RWSAL0433xxA: Basic configuration, 433.92 MHz<br>RWSALV433xxA: Full configuration including voice, 433.92 MHz<br>**Note**: xx represents the system's language or country. |

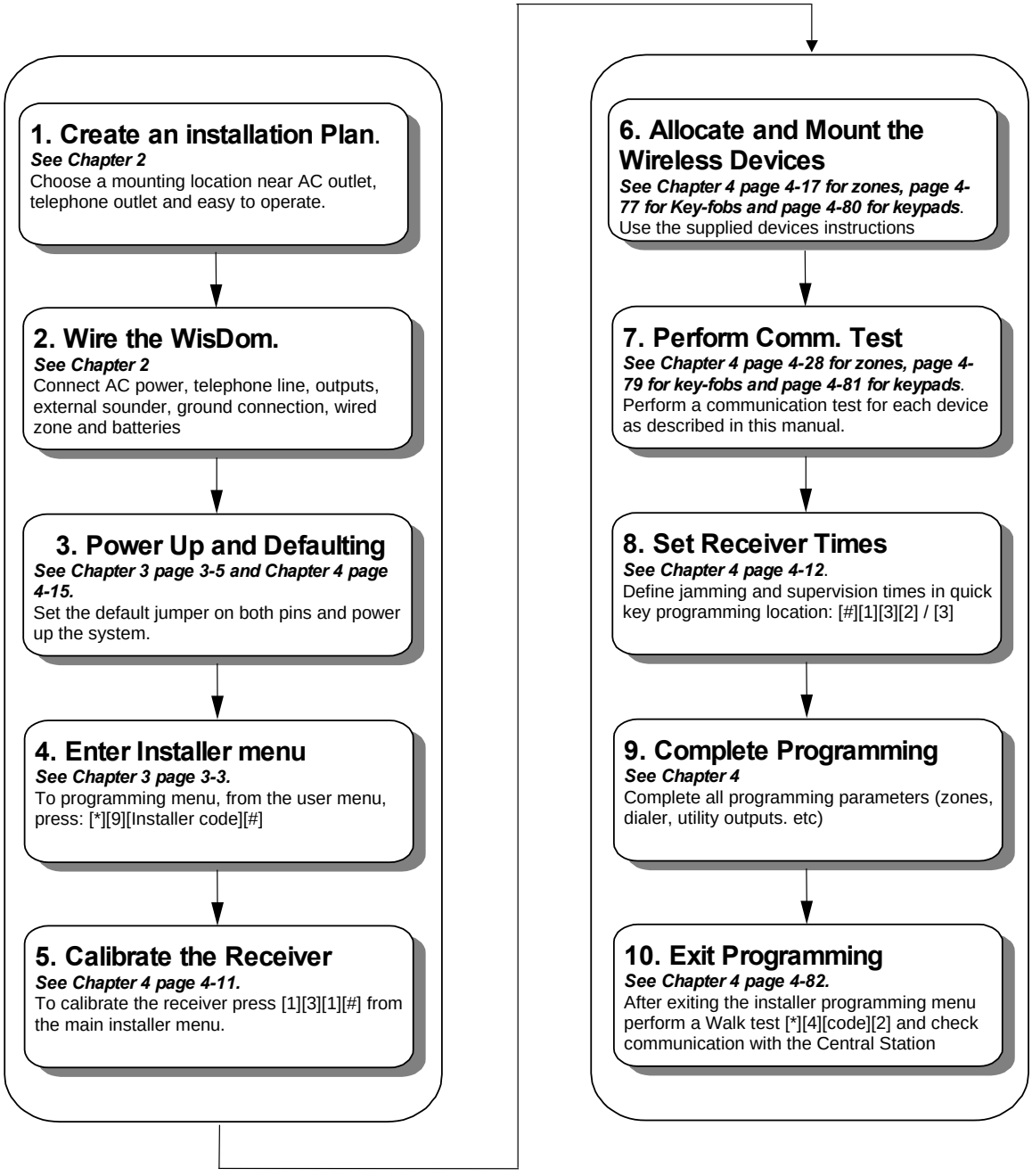
# Chapter 2: Installing the WisDom

This chapter covers the installation procedures of the **WisDom**, as follows:


- **WisDom Installation Steps,** below
- **WisDom Components,** page**,** 2-2
- **Mounting the WisDom**, page 2-3
- **Wiring the WisDom**, page 2-6


## WisDom Installation Steps

The following workflow illustrates the recommended method for installing the WisDom. A detailed description of each step is provided in the following sections of this manual.


1. Create an installation Plan.
See Chapter 2
Choose a mounting location near AC outlet, telephone outlet and easy to operate.
2. Wire the WisDom.
See Chapter 2
Connect AC power, telephone line, outputs, external sounder, ground connection, wired zone and batteries
3. Power Up and Defaulting
See Chapter 3 page 3-5 and Chapter 4 page 4-15.
Set the default jumper on both pins and power up the system.
4. Enter Installer menu
See Chapter 3 page 3-3.
To programming menu, from the user menu, press: [*][9][Installer code][#]
5. Calibrate the Receiver
See Chapter 4 page 4-11.
To calibrate the receiver press [1][3][1][#] from the main installer menu.
6. Allocate and Mount the Wireless Devices
See Chapter 4 page 4-17 for zones, page 4-77 for Key-fobs and page 4-80 for keypads.
Use the supplied devices instructions
7. Perform Comm. Test
See Chapter 4 page 4-28 for zones, page 4-79 for key-fobs and page 4-81 for keypads.
Perform a communication test for each device as described in this manual.
8. Set Receiver Times
See Chapter 4 page 4-12.
Define jamming and supervision times in quick key programming location: [#][1][3][2] / [3]
9. Complete Programming
See Chapter 4
Complete all programming parameters (zones, dialer, utility outputs. etc)
10. Exit Programming
See Chapter 4 page 4-82.
After exiting the installer programming menu perform a Walk test [*][4][code][2] and check communication with the Central Station

# WisDom Components

The illustration below shows the internal components when the front panel is separated from the back plate.

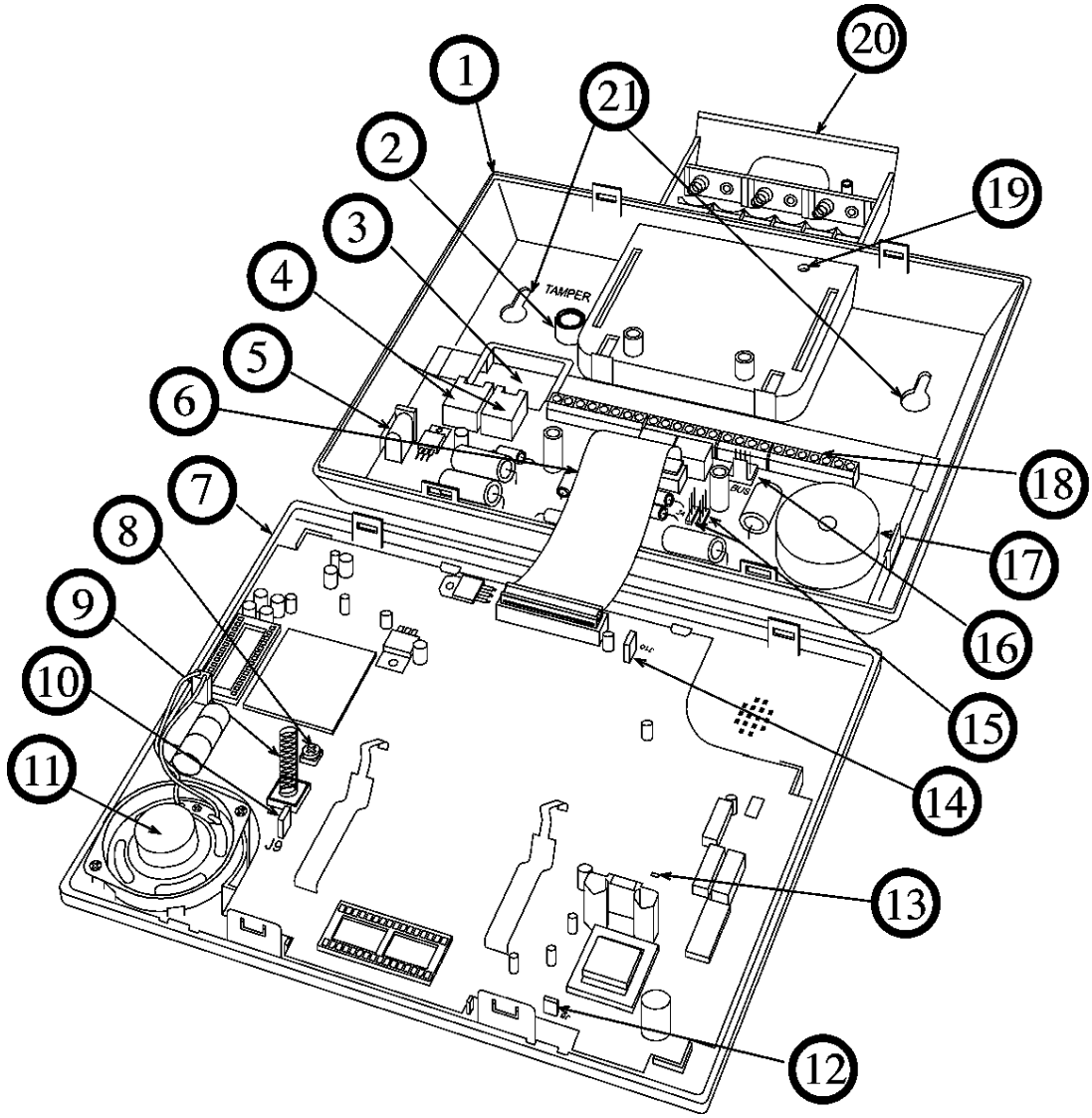



***Figure 2-1: WisDom Internal components Layout***

1. Back panel
2. Tamper housing
3. Wires access hole
4. Telephone connectors (optional)
5. AC connector (optional)
6. Ribbon Flat cable
7. Front panel
8. LCD back light trimmer
9. Tamper spring
10. Default jumper (J9)
11. Speaker
12. AC restore jumper (J6)
13. Line seizure LED
14. Rechargeable Battery Jumper (J10)
15. Utility outputs jumper (J4, J5)
16. BUS connector (J1)
17. Internal siren / buzzer
18. Main terminal block
19. Battery locking screw
20. Backup battery holder
21. Wall Mounting holes

# Mounting the WisDom

## Choosing the mounting location

Before you mount the **WisDom**, study the premises carefully in order to choose the exact location of the unit for the best possible coverage and yet easily accessible to prospective users of the alarm system.

The mounting place of the **WisDom** should be:

- ✦ Try to centrally locate the system, as close as possible to the transmitters.
- ✦ Near an uninterrupted AC outlet.
- ✦ Near a telephone outlet.
- ✦ Far from sources of interference, including:
  - ❖ Direct sunlight or heat sources
  - ❖ Electrical noise such as computers, televisions etc.
  - ❖ Large metal objects, which may shield the antenna.
- ✦ In a place where the alarm can be heard during Stay arming mode.

## Wall Mounting the WisDom

The **WisDom** is comprised of two sub-assemblies (front panel and back panel). It is mounted on the wall, using the proper hardware, as described below.

➢ **To mount the WisDom on the Wall:**

**1.** Separate the two sub assemblies as follows:

- ❖ Remove the case locking screw located at the bottom of the unit.
- ❖ Press on the two locking tabs at the bottom of the unit (see figure 2-2).

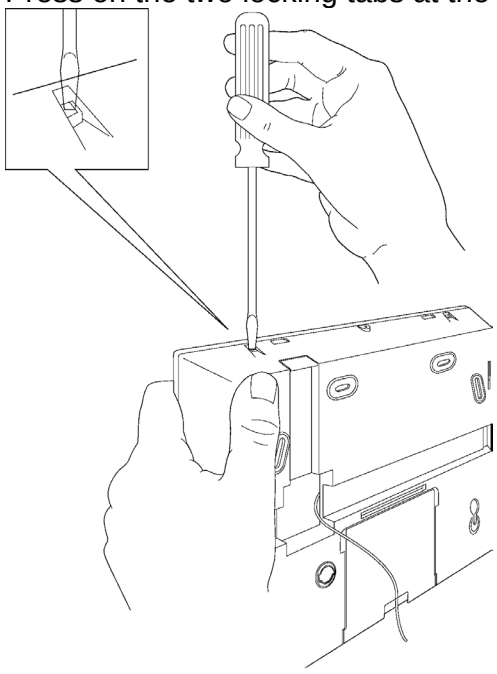


***Figure 2-2: Opening the WisDom casing***

- ❖ Gently hold the front panel from both sides, pull it up to a 45° angle and slide it to front to release the front panel from the two locking tabs at the top of the unit, see figure 2-2. (DO not open the front cover to a larger angle in order not to break the two top tabs at the top)

**2.** Disconnect the ribbon flat cable, leaving the flat cable connected to the front panel.

3. Pull the **WisDom** battery housing outward (See figure 2-1)
4. Release the back panel holding tabs (see Figure 2-3) located on both sides of the PCB and pull out the PCB gently.

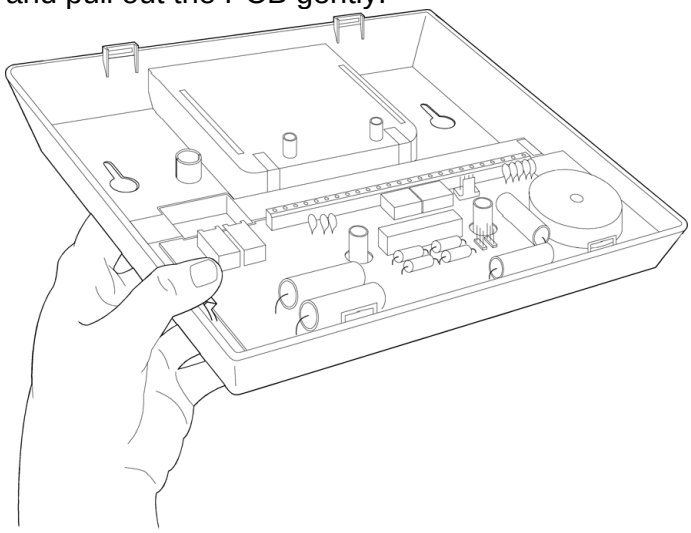


***Figure 2-3: Releasing the PCB***

5. Hold the back panel against the wall as a template and mark the locations for the mounting holes (6 mounting holes are available).
6. Drill the desired mounting holes and place the screw anchors. When attaching the box to the wall, it is recommended to use 4.2mm, 32mm length screws (DIN 7981 4.2X32 ZP)
7. Open the wire entry knockouts in the back panel and insert the wires and cables via the cable's opening (including AC cable and telephone cable), see figure 2-4.

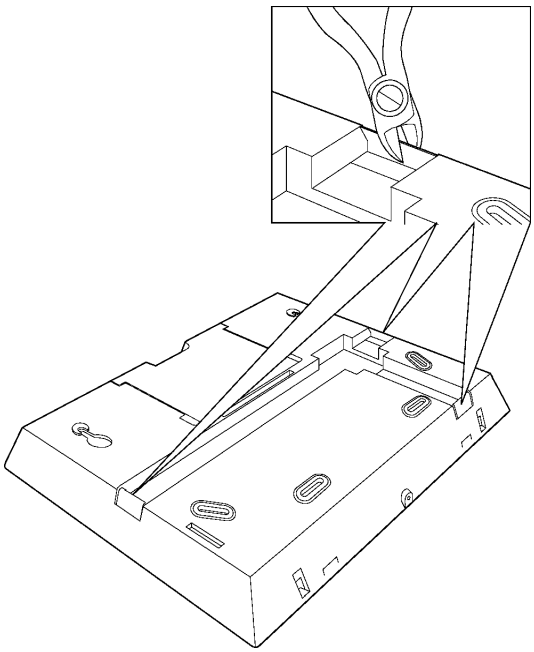


***Figure 2-4: Open cable knockouts***

8. Adjust the Tamper switch (using a flat screwdriver) according to your preferred configuration.
   - **Box only configuration** – Triggers the tamper when the box is tampered.
   - **Box and Wall configuration** - Triggers the tamper when the box or the wall mounting are tampered
9. Mount the back unit to the wall using the screws.

10. Connect the desired wires to the back panel's terminal block as illustrated in the WisDom Wiring Diagram on page 2-6.
11. If desired, before closing the unit:
    - ❖ Set the jumpers as described on page 2-11.
    - ❖ Set the LCD contrast as described on page 2-12.
    - ❖ Return the battery housing (after placing the batteries) and attach the battery locking screw (if required).
12. After the wiring connections are made, return the PCB to its place and reconnect the ribbon cable to the front panel.

⚠ **IMPORTANT:**

Before wiring the **WisDom**, ensure that the connection to the power supplies, mains or battery, is switched OFF.

13. Reattach the two sub-assemblies as follows:
    - ❖ Snap the front panel onto the upper tabs of the appropriate slots on the back panel Pay attention to the placing of the tamper spring (see figure 2-5).
    - ❖ Push the bottom of the front panel onto the back panel so the locking tabs at the bottom hold it.

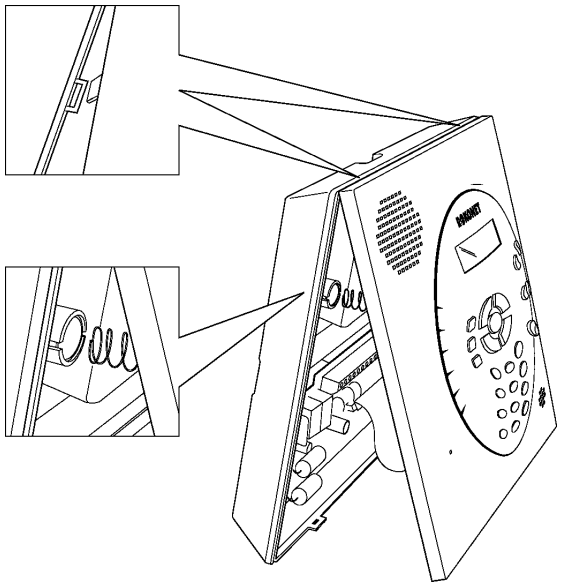


***Figure 2-5: Locking tabs and Tamper Spring***

- ❖ Reattach the case locking screw located at the bottom.

⚠ **IMPORTANT:**

**Discharging Static Electricity**: Please note that it is important to discharge static electricity that may have built up in your body before you touch a circuit. To do this, touch the earth.

**Following Local Regulations:** Be sure to follow your local regulations regarding fire protection, electrical installation, noise pollution, and security systems installation.

# Wiring the WisDom

This step explains the various wiring and connection procedures that must be performed when wiring the **WisDom**, as follows

⚠ **IMPORTANT:**

Before wiring the **WisDom**, ensure that the connection to the power supplies, mains or battery, is switched OFF.

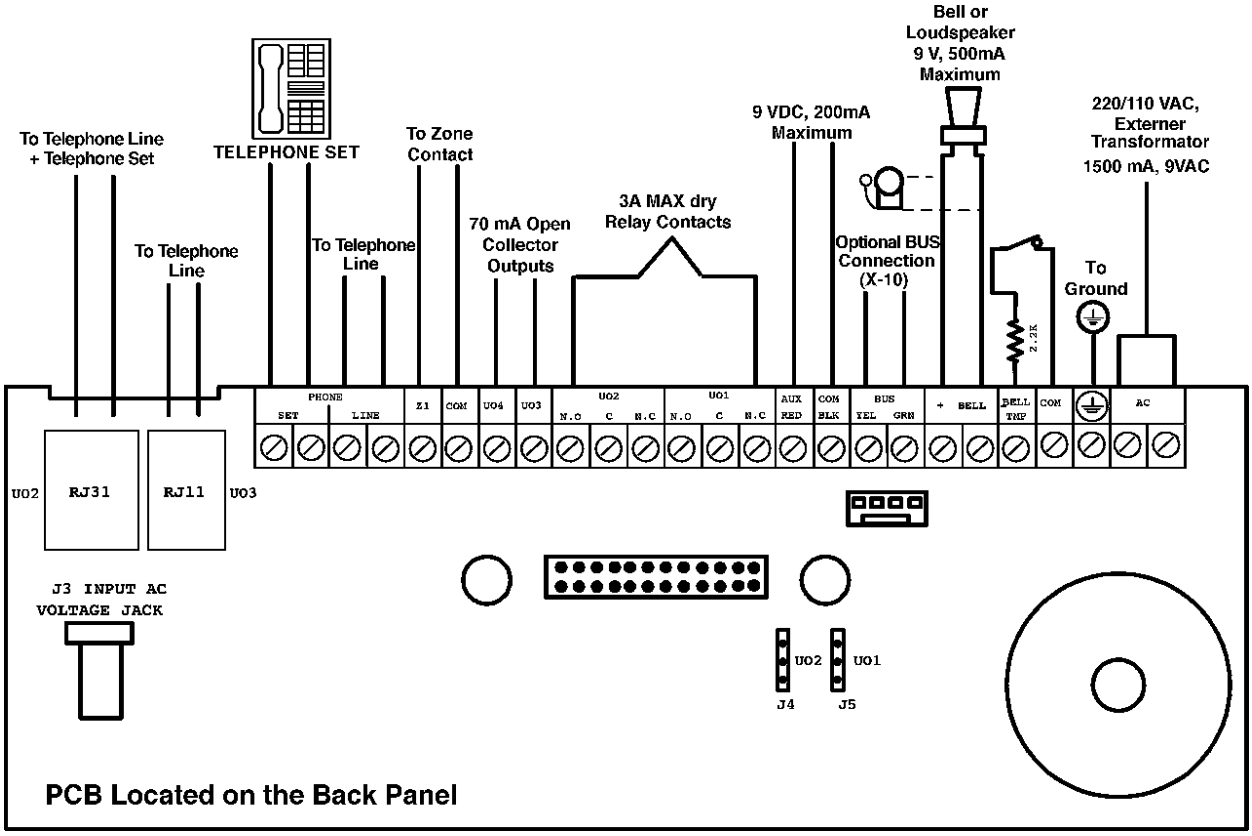



***Figure 2-6: WisDom Wiring Diagram***

# Connecting AC Power

The **WisDom** is powered by a safety approved 220/110VAC to 9VAC 1500 mA transformer (supplied, ROKONET part number 1ACA230V9V for 220 VAC to 9VAC).

1. Connect the transformer to an AC source and to the AC connector (optional) or the AC terminals.

**NOTES:**

Do not connect the transformer to a power supply until you have completed all your wiring.

If you remove power from the unit (AC and battery), wait at least 10 seconds before reapplying power.

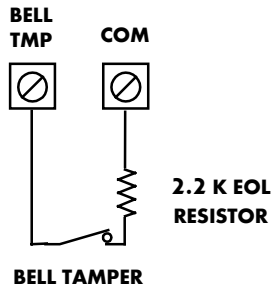
# Connecting the Telephones Lines

Connect the system to a telephone line if the system is monitored or a remote connection to a follow me number is required.

1. Connect the incoming telephone line to the **PHONE LINE** terminals or the optional plug-in jack RJ11 marked as U3. (see figure 2-1).
2. Connect any telephone on the premises to the **PHONE SET** terminals or the optional plug-in jack RJ31 marked as U2 - Line and Set, (see figure 2-1).

# Wiring the Bell Tamper

Connect the bell tamper to the BELL TMP and COM terminals on the PCB's block terminals using a 2.2 KΩ resistor.




⚠ **NOTE:**

Bell tamper will be indicated only if the system parameter External Bell, (quick key [1][2][31]) is defined as Yes. For more information refer to page 4-10.

# Wiring the Utility Outputs

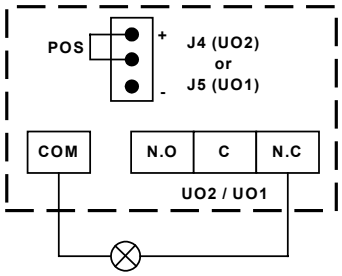
The **WisDom** includes 4 utility outputs (2 x 24VDC 3Amps relays, 2 x 13.8 VDC 70 mA transistor outputs). These outputs help operate external devices in response to a number of system activities related to alarms, zones, partitions, general system events, actions of particular user or scheduled events based on the system's internal clock.

### ➢ To wire Relay Outputs (UO1- UO2)

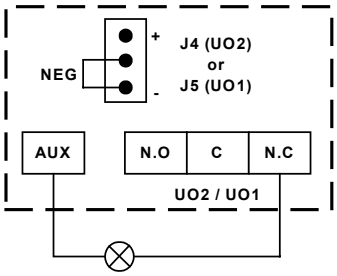
The connections of relay outputs UO1 and UO2 depend on the settings of jumpers J5 and J4 consecutively, which determine the outputs behavior. Wire the devices that you want to activate to the outputs UO1-UO2, as follows:

c **NOTE:**

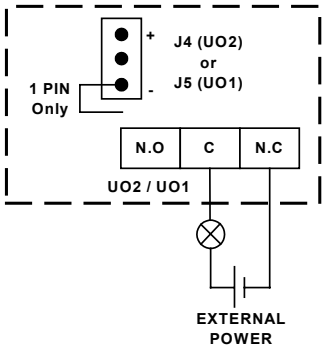
The maximum current for UO1 and UO2 should not exceed 200 mA in POS or NEG configurations. In 1 PIN Only configuration with an external power supply the maximum current for UO1 or UO2 should not exceed 3 Amps.




***Positive**: The C terminal on UO1/UO2 receives 9 VDC*




***Negative**: The C terminal on UO1/UO2 receives COM*




***1 PIN only**: UO1/UO2 behave as dry contacts*

### ➢ To wire Transistor Outputs (UO3-UO4)

Connect the positive connection of the device to **AUX (+)** and the negative connection to the UO's **(-)** terminals.

# Wiring an External Sounder

The **WisDom** is equipped with a built-in sounder (see figure 2-1). If desired, an external bell or piezo sounder can be connected to alert occupants and neighbors with a loud siren during an alarm.

### ➢ To wire an external sounder

1. Connect the external sounder wires to the BELL (+) (-) terminals. Ensure that you note the polarity when connecting an electronic siren and/or polarized bells.

2. Adjust the sound to be produced (See Chapter 4 page 4-10, quick key [1][2][32]) depending on the type of sounder.
   - ❖ For a loudspeaker without a built in siren driver, the WisDom produces a continuous or interrupted oscillating voltage.
   - ❖ For a bell or electric siren the WisDom produces a steady 9VDC voltage or a slow pulsating voltage, depending on the alarm type. Use a 9V 500mA maximum rated bell sounder.

⚠ **WARNING:**

To avoid Bell Loop Trouble if **NO** connection is made to the BELL terminals, connect a 2200Ω resistor between the terminals.

**NOTES:**

It is important to define the **BELL/LS system control parameter** correctly. The definition varies depending on the type of sounder.

If the bell output is overloaded (exceeds 500 mA) and is shut down, you must disconnect the load from the output for a period of at least 10 seconds before you reconnect any load to the auxiliary output

# Ground Connection

Grounding provides a degree of protection against lightning and induced transients for any piece of electronic equipment that may, due to lightning or static discharge, experience permanent or general malfunctions. The ideal *ground* is considered to be a *unified earth ground* in which an 8-foot copper-clad rod, located close to the existing power and telephone ground rods, is sunk several feet into the earth. Appropriate hardware and clamps are then used to electrically connect each of these rods together and then to the ground terminal of the device to be protected.

It may be possible to use an existing electrical ground on the premises if one is close enough to the WisDom. When connecting the ground wire, use a solid 14-gauge wire [or larger (numerically *lowe*r) size]. Keep this wire as short as possible and do not run it in conduit, coil it, bend it sharply, or run it alongside other wiring. If you must bend it or change its direction, it should have a radius of at least 8 inches at the point from which it is bent. If in doubt, you may want to enlist the help of a licensed electrician in matters concerning such grounding.

### ➢ To connect to ground (Earth)

Connect between the WisDom's ground terminal and an acceptable electrical ground connection for the lightning transient protective devices in this product to be effective.

⚠ **IMPORTANT:**

Connecting to ground must be performed according to the local National Electrical Code.

# Wiring the Hardwire Zone

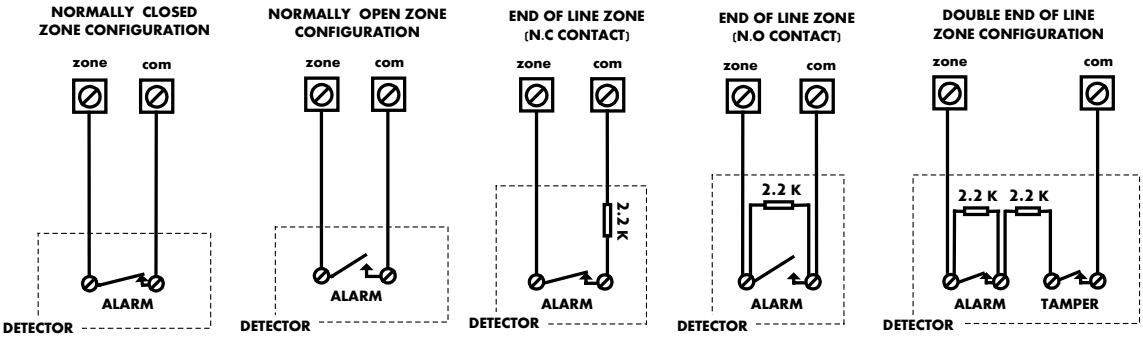
The **WisDom** supports 1 hardwire zone - *Zone 33* which can be used for example to connect a key switch. Connect this zone using twisted–pair or 4-conductor cable wiring.

The following diagram illustrates the various zone connections:

**NOTE:**

The hardwire zone cannot be used as a fire zone.

For a zone with a tamper switch, you can use a Double End-of-Line Resistor to save additional connections.




# Connecting the Backup Battery

The **WisDom** has 6 backup batteries that are used in time of main power failure. The batteries can be of two types:

- **Rechargeable**: Size AA, 1.2VDC cells
- **Non rechargeable**: Size AA, 1.5VDC Alkaline

**IMPORTANT:**

Use only Rokonet provided batteries (rechargeable Nickel Cadmium cylindrical cell 1.2V 800mA AA). Do not attempt to use a different type of rechargeable batteries; failure to comply with the above instruction, may result in damage to equipment.

**CAUTION:**

If rechargeable batteries are to be used, verify that J10 jumper is positioned on its ***two*** pins (see page 2-11) Failure to comply with the above instruction, may result in damage to personnel or equipment.

### ➢ To insert the Backup batteries:

1. Pull the **WisDom** battery housing outward.
2. Place the 6 batteries inside the battery housing. Pay attention to the batteries polarity printed on the case.
3. Insert the battery housing back to its place.
4. Secure the battery housing with the locking screw (if required).
5. After all wiring is done plug the transformer into the wall outlet.

**NOTE:**

Rechargeable batteries should be charged for at least 12 hours to be fully charged. The “low battery” trouble should disappear within 4 minutes after the battery is fully charged.

**IMPORTANT:**

1. When replacing the batteries be sure to buy the same type. Failure to comply with this instruction may result in damage to personnel and/or equipment.
2. **CAUTION**: Replacing a rechargeable cell with a non-rechargeable battery might cause damage unless you change the ***RECHARGABLE BATTERY*** jumper, located inside the WisDom.
3. Dispose of used batteries according to the proper instructions.

# Auxiliary Terminal

Use the **Auxiliary Power AUX (+) COM (-)** terminals to power devices that require a 9VDC power supply with maximum current consumption of 200mA.

**IMPORTANT:**

During Main power failure the AUX output is deactivated to insure longer system backup time.

**NOTES:**

The total power from the **AUX** terminals should not exceed 200mA.

If the auxiliary output is overloaded (exceed 200mA) and is shut down, you must disconnect the load from the output for a period of at least 10 seconds before you reconnect any load to the auxiliary output.

# Wired Expansion Bus Modules (Optional)

The **WisDom** includes provision for wiring of optional expansion modules. This refers to the set of 4 terminals located on the terminal block marked as AUX RED, COM BLK, BUS YEL and BUS GRN. For example, to connect the X-10 interface module you should use the BUS terminals. The connections for the expansion modules are terminal to terminal with color-coded wires as follows:

| BUS Terminal | Description |
|---|---|
| **AUX RED** | +12V power for BUS expansion modules |
| **COM BLK** | Black 0V common for BUS expansion modules |
| **BUS YEL** | Yellow DATA connection for BUS expansion modules |
| **BUS GRN** | Green DATA connection for BUS expansion modules |

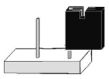
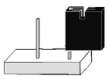
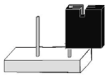
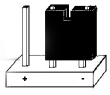
**NOTE:**

To prevent a possible drop down in voltage use a quality 4-conductor cable with an appropriate gauge size.

The maximum wire run permitted is 300 meters (1000 feet) for all legs of the BUS.

# Jumpers Setting

The **WisDom** is equipped with internal jumpers. Use the following table to configure the jumpers according to the desired configuration:

| Jumpers on front panel | Position | Function |
|---|---|---|
| **DEFAULT (J9)** | | Enables to default the panel and restore the WisDom to the manufacturers default settings.<br>Position the jumper plug over both pins when reinstating factory installed defaults values to the Main Panel programming (refer to *Chapter 3, Programming the WisDom)* or for installing programming using the Program Transfer module. |
| |  <br>**(Default)** | Maintains the last programming setting and disables the restoring of the WisDom to the manufacturers default settings.<br>Position the default jumper plug over one pin for safekeeping. |
| **RECHARGEABLE BATTERY (J10)** | | Enables continuous battery charging. Use this setting when using **rechargeable** batteries. |
| |  <br>**(Default)** | Disables battery charging. Use this setting when using **non-rechargeable** batteries. |
| **AC RESTORE (J6)** |  | Battery Discharge Protection is ON: If a continuous AC power outage occurs, the WisDom automatically disconnects the battery when its backup battery voltage drops below 6.3 VDC, in order to prevent "deep discharge" that may damage the battery.<br>**NOTE:**<br>In this position the WisDom will not start to operate from a battery power supply, unless connected to the Mains first. |
| | <br>**(Default)** | Battery Discharge Protection is OFF: The battery may be totally discharged during continuous AC failure, thus battery replacement may be required (no deep discharge protection).<br>**NOTE:**<br>In this position the WisDom will start to operate from a battery power supply whether it is connected to the Mains or not. |
| **Jumpers on back panel** | **Position** | **Function** |
| **UO1 (J5)**<br>**or**<br>**UO2 (J4)** |  | Determines the UO1 / UO2 connection (behavior), see “Wiring the Utility Output” section on page 2-7.<br>Default: **POS** |

# Adjusting the LCD Contrast

The WisDom includes a trimmer located on the PCB of the front panel, next to the default jumper (see figure 2-1) that enables you to adjust the brightness and contrast of the LCD display. It is recommended to adjust the LCD display after powering up the system but prior to reattaching the two sub-assemblies when closing the unit.

➢ **To adjust the LCD contrast:**

1. Using a Philips screwdriver turn the trimmer clock-wise or counter clock-wise until the desired intensity is achieved

# Chapter 3: Programming the WisDom

The **WisDom** is designed around microprocessor and EEPROM (Electrical Erasable Programming Read Only Memory), which stores the system's operating program, as well as its programmable parameters, without dependency of external power sources.

This chapter explains the **WisDom** programming options, how to use the keypad elements, and the basics about programming via the keys. You can program the system at any time, even before installing it. All you need is to apply temporary power to the unit.

For detailed information about each Programming option, refer to *Chapter 4, Using the Installer Programming Menus*.

## WisDom Programming Options

The **WisDom** can be programmed locally or remotely. The following describes the options to program the **WisDom** :

- **Local operation using the numerical Keys and LCD Display:** Instructions are provided on page 3-3.
- **Program Transfer Module (PTM):** (p/n RP128EE0000A) The PTM is a tiny circuit board into which a copy of the WisDom's configuration can be copied and stored as well as transferred to any installation when temporarily plugged into the 4-wire BUS connector. For detailed instructions refer to page 3-6 .
- **Upload/Download (U/D):** A software application that enables you to program the WisDom from a PC computer. It offers the following two alternatives:
  - Working locally, through a portable computer connected to the WisDom
  - Working at a remote site, communicating with the WisDom via a phone line and modem

  When using the Upload/Download software, the following is required:
  - IBM compatible PC
  - Upload/Download software (p/n RP128UDIN00A)
  - BUS adapter (p/n RP296EBA000A) cable and plug to connect between the PC serial COM port and the WisDom J1 BUS connector (for on-site use)
  - Modem with access to a phone line (for remote use). Recommended modem by Rokonet is Hayes - OPTIMA 336.
  - USB/485 converter for on-site use (p/n RP128EUSB00A) to connect between a PC USB port and the WisDom J1 serial connection. For additional details, refer to a Rokonet technical support representative.

# Using the WisDom's LEDs and Keys

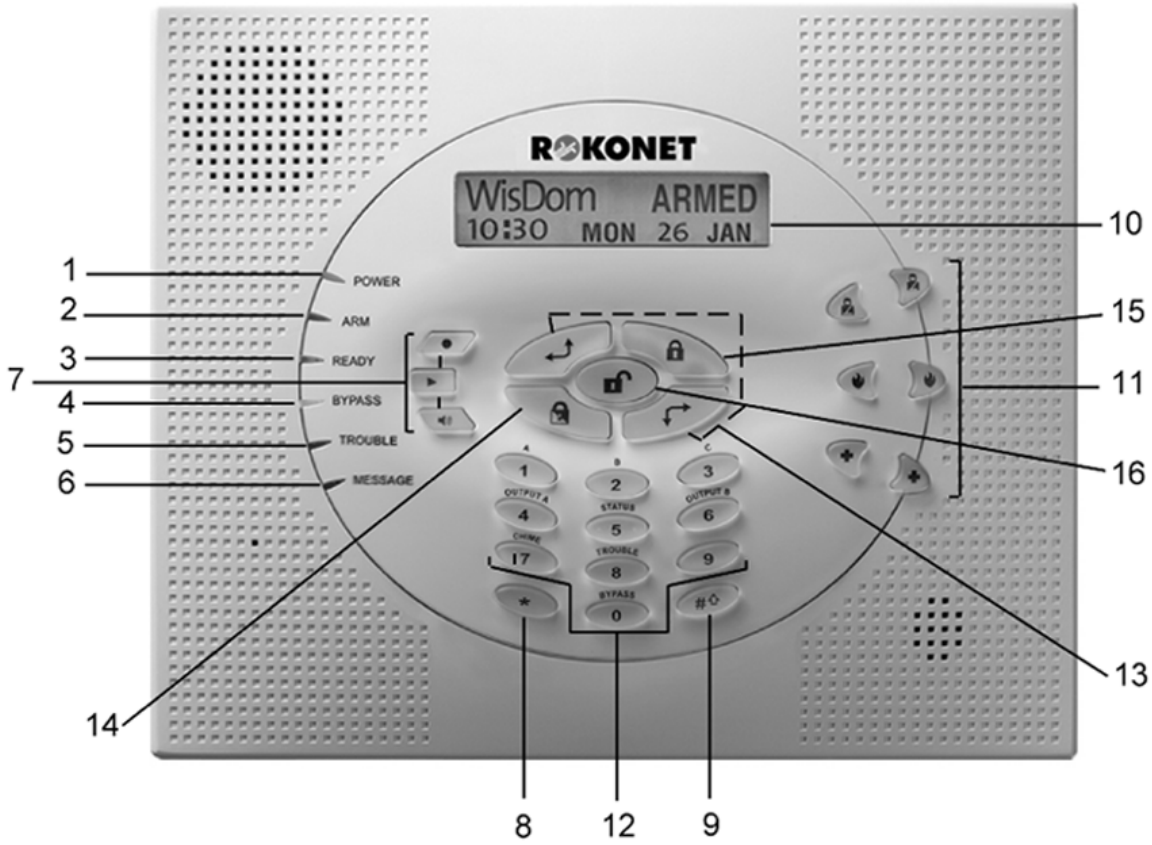
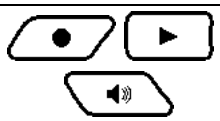
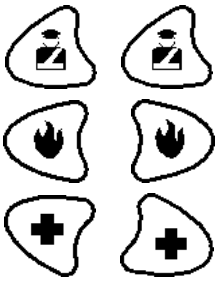
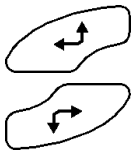



***Figure 3-1: The WisDom Surface***

The WisDom surface contains six LED indicators, an LCD display and a variety of keys. The LEDs have a different indication during programming mode than in normal operation mode. The LED's indication in normal operation mode is described in the WisDom user manual. The following table describes the LEDs and keys typical uses during the programming mode:

| Item | Key/LED | Programming Mode |
|---|---|---|
| **1** | ❍ **Power LED** | Slow flashing LED = an active programming session |
| **2** | ❍ **Arm LED** | These LEDS are off (unlit) during programming operations. |
| **3** | ❍ **Ready LED** | |
| **4** | ❍ **Bypass LED** | |
| **5** | ❍ **Trouble LED** | |
| **6** | ❍ **Message LED** | |
| **7** |  | These keys do not function during programming operations |
| **8** | | Use this key to exit the current programming selection and move up to the next higher level in the programming hierarchy. |
| **9** | | Use this key to enter selected information into the system or to accept the current selection and access the lower level of options in the programming hierarchy |

| Item | Key/LED | Programming Mode |
|---|---|---|
| **10** | **LCD Program Display** | The LCD program display consists of two lines. The top line displays information about the main selection mode, and the bottom line displays information and/or data about the specific option set. Such data may be changed through keypad entry.When programming, up to 16-characters can be entered into a line, as required. |
| **11** |  | These keys do not function during programming operations |
| **12** | **0 through 9** | Use the numbered keys, **0** through **9**, to key in numbers and/or special characters when labeling zones, areas, and partitions. (For information about how to use the keypad for labeling zones, areas, and partitions, refer to *Chapter 4, Using the Installer Programming Menus.*) |
| **13** |  | Press either one of these keys to move back and forth through the programming level functions.<br>These keys also change the position of the flashing cursor. When editing a selection, the cursor moves to the left or right respectively. |
| **14** | | Use this key to toggle forward through the programming choices within a selection. |
| **15** | | Use this key to toggle backward through the programming choices within a selection. |
| **15** | | This key does not function during programming operations |

# Installer Programming from the WisDom Keys

This section explains how to use the WisDom keys to access the Installer Programming menu as well as how to restore the manufacturer's defaults, as described in the following sections:

- **Accessing the Installer Programming Menu**, below
- **Restoring Manufacturer's Programming Defaults**, page 3-5
- **Keypad Timeout**, page 3-5

## Accessing the Installer Programming Menu

This section describes how to access the Installer Programming menu after the WisDom has been defaulted, as well as how to access it from the regular operation mode.

➢ **To access the Installer Programming Menu:**

1. From the regular operation mode press .
   **Note**: When you power up the system for the first time, the display of the regular

operation mode will be:

```
WisDom:
--:-- ... .. ...
```

**2.** After pressing * the keypad displays the first **User Functions** option, as follows:

```
User functions:
1)Zone bypass
```

Press **[9]** to select the **Installer** option or use the key. The keypad displays the first option, as follows:

```
Installer:
1)Full prog.
```

**3.** Press **[1] Full prog.** to enter the full programming menu. The display prompts you for the Installer code, as follows:

```
Installer code:
    ▮
```

**4.** Enter the default Installer Code: **[0][1][3][3]**
The code appears as ✱✱✱✱ on the LCD display, as follows:

```
Installer code:
    ✱ ✱ ✱ ✱
```

**5.** Press #▲ The following message display appears:

```
Installation:
Please wait,
```

Then the first main Installer Programming menu option is displayed, as follows:

```
Programming:
1) System
```

The Power LED begins flashing slowly at this point, indicating that you have entered a programming session.

The main Installer Programming menu options are available, as follows:

**[1] System**
**[2] Zones**
**[3] Outputs**
**[4] Codes**
**[5] Dialer**
**[6] Report codes**
**[7] Key-fobs**
**[8] Keypads**
**[0] Exit**

Each of the main Installer Programming menu options enables you to access and program all of the WisDom options. Each option is also discussed in detail in *Chapter 4, Using the Installer Programming Menus*.

# Restoring Manufacturer's Programming Defaults

You may find it useful to be able to remove all changes made to the WisDom's programming and restore the default settings provided by the manufacturer.

**IMPORTANT:**

Before defaulting the WisDom you should enable the Default Enable/Disable parameter that controls the authority to restore to the manufacture's defaults. The **Default** option for this parameter, as defined by the manufacturer is **Enable.** The quick programming key for this parameter is [1][7] from the main installer-programming menu**.**

If you need to program this parameter, remember to exit the installer-programming menu, after you set your choice, and save your selection.

### ➢ To restore the WisDom to the manufacturer's defaults:

1. Make sure that the Default Enable/Disable parameter is set to **Enable** (The default as supplied by the manufacturer is Enable)
2. Disconnect all power from the WisDom.
3. Open the WisDom unit and position the default jumper J9, located on the PCB of the front panel, on both pins.
4. Reconnect the power to the WisDom. All the LEDs flash once and a long beep is heard. The following message is displayed:

```
WisDom:
--:-- ... .. ...
```

5. Reposition the J9 default jumper on one of the J9 pins (where it resides for safekeeping).
6. Access the installer-programming menu as described on page 3-3 and program the system, as required.

**NOTE:**

Remember that the Installer Code has been restored to the manufacturer's default [0][1][3][3].

7. When you finish your programming, exit the installer-programming menu by selecting **[0] Exit** from the main installer-programming menu. The display prompts you to save your changes by displaying the following message:

```
  DO YOU WANT TO
SAVE THE DATA? Y
```

8. Confirm saving the data by pressing the key. A short beep is heard and the following messages are displayed.

```
    PLEASE WAIT
   SAVING DATA..
```

9. When the function is completed, the display goes to regular operation mode, as follows:

```
WisDom:
--:-- ... .. ...
```

If while exiting, the following display appears, this means that the J9 default jumper is **NOT** positioned on 1 pin, but wrongly positioned on both J9 pins.

```
EE U/D ACCESSORY
   NOT FOUND
```

## Keypad Timeout

If, after 15 minutes, during the installer programming, no entry is made to the keys the WisDom will produce an audible reminder, consisting of several beeps in rapid succession, along with the following display:

```
TIMEOUT
HIT ANY KEY
```

Pressing any key stops the beeping. To re-enter the Installer Programming menu, you must key in your Installer code again and press #.

# Using the Program Transfer Module (PTM)

The Program Transfer module (PTM) is used to create and apply standard programming templates.

In addition, you can use the PTM on powered-up, properly functioning WisDom , which have been previously programmed.

➢ **To create a Programming Template by copying from a programmed WisDom:**

✦ Use a programmed WisDom system to create a Programming Template to be applied to other WisDom systems. The programming on the WisDom is ready for copying.

➢ **To install a Programming Template on a WisDom system:**

✦ Use an existing Programming Template on a PTM to install programming on a WisDom system.

➢ **To copy from a programmed WisDom system into the PTM:**

1. Position the PTM on the J1 BUS connector located on the PCB of the back panel with the red LED **not** facing the row of terminals. The red LED flashes slowly.
2. Remove the J9 Default Jumper plug from its position on one pin and position it on both of the two pins.
3. Access the main Installer Programming menu by pressing * **[9] [1]** from the regular operation mode (see page 3-3).
4. Without making any changes, exit the main Installer Programming menu by pressing **[0]**. The LED on the Program Transfer module flashes rapidly, and the keypad displays the following:

   ```
   SAVING DATA IN
   EE U/D ACCESSORY
   ```

   When the LED stops flashing rapidly, the WisDom beeps twice and displays the following:

   ```
   DATA IS SAVED
   PLEASE WAIT...
   ```

   Then the display returns to the normal operation mode display.
5. Remove the PTM from the J1 BUS connector.
6. Position the J9 jumper on one of the pins.
7. The PTM now contains a copy of the Main Panel's configuration.

➢ **To load the Program Transfer module's stored configuration into a WisDom:**

1. Position the PTM on the J1 BUS connector located on the PCB of the back panel with the red LED **not** facing the row of terminals. The red LED flashes slowly.
2. Remove the J9 Default Jumper plug from its position on one pin and position it on both of the two pins.
3. Momentarily remove all power from the WisDom (both Mains and Battery).
4. Restore power to the WisDom. After a moment, the LED on the Program Transfer module flashes rapidly, indicating that the information is being copied from the PTM to the WisDom system. The LCD keypad displays the following:

   ```
   ROKONET
   PLEASE WAIT...
   ```

   When the LED stops flashing rapidly, the WisDom beeps once, and its display returns to the normal operation mode display.
5. Remove the PTM from the J1 BUS connector.
6. Position the J9 jumper on one of the pins.
7. Access the main Installer Programming menu by pressing

**[9] [1]** from the regular operation mode (see page 3-3).
8. Without making any changes, exit the main Installer Programming menu by pressing **[0]**. The following display appears:

   ```
   DO YOU WANT TO
   SAVE THE DATA? Y
   ```

9. Confirm saving the data by pressing the

key. A short beep will sound and the following messages are displayed.

   ```
   PLEASE WAIT
   SAVING DATA..
   ```

   Then the keypad returns to the normal operation mode display, and the WisDom's configuration now matches the PTM.
10. Reset its TIME and DATE, which were lost when power was removed. (Refer to the WisDom *User's Manual*.)

# Chapter 4: Using the Installer Programming Menus

This chapter describes the WisDom's installer programming options and functions, as well as all quick key shortcuts. They are presented in a table of menus are listed according to their number, as follows:


1 **System**, page 4-2

2 **Zones**, page 4-17

3 **Outputs**, page 4-34

4 **Codes**, page 4-41

5 **Dialer**, page 4-48

6 **Report Codes**, page 4-66

7 **Key-Fobs**, page 4-77

8 **Keypads**, page 4-80

0 **Exit**, page 4-82


## Installer Programming Menu Conventions

The following pages describe the options and functions that can be accessed via the WisDom keys and how to program them.

Remember that these options are accessed from the Installer Programming menu, described in *Chapter 3, Programming the WisDom*. Each procedure also provides information about programming the system using the relevant Quick Keys.

The column headings appear as follows:

| Column Heading | Description |
|---|---|
| **Quick Keys** | A shortcut to program an option. The shortcuts are listed in numerical sequence. |
| **Parameter** | The name of the option programmed by the selection. |
| **Default** | The factory default. The default values have been carefully chosen and are suitable for most installations. . |
| **Range** | Where applicable, the range of possible values. |

### ➢ To program the system using Quick Keys:

1. Access the **Installer Programming** menu and select the main menu option that you want to access (refer also to *Chapter 3, Programming the WisDom*).
2. Press the **Quick Keys** listed in sequence (from left to right) to locate the option listed in the **Parameter** column and then press #.

**NOTE:**

When programming items in sequence, you can use the * key to exit to the previous level and the key to toggle the options.

# 1 System

The System menu provides access to submenus and their related parameters that are used for programming configuration settings applicable to the entire system.

After you access the System menu from the main Installer Programming menu, as described in this section, you can access the following sub-menus:


1 1 **Timers**, page 4-3

1 2 **Control**, page 4-4

1 3 **Receiver**, page 4-11

1 4 **Clock**, page 4-12

1 5 **Labels**, page 4-13

1 6 **Tamper Sound**, page 4-15

1 7 **Default jumper**, page 4-15

1 8 **Service Information**, page 4-16

1 9 **Version** , page 4-16


### ➢ To access the System menu:

✦ From the Installer Programming menu, press **[1]**, or press the ↵ or ↷ keys until you find the number **[1] System** option and then press #. The first submenu (Timers) appears:

```
System prog.:
1)Timers
```

You are now in the System menu and can access the required submenus, as described in the following sections.

## [1] [1] System: Timers

The Time Define menu contains parameters that specify the duration of an action.

### ➢ To access the Time Define menu:

1. Access the System menu, as described on page 4-2.
2. From the System menu, press **[1]** to access the Timers menu options. The following display appears:

```
System timers:
1)Ex/En delay 1 ↓
```

3. Access and configure the parameters in the Time Define menu, as follows:

**System: Timers**

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| [1] [1] [1] | **Exit/Entry Delay 1** | | |
| | Exit/Entry Delays (Group 1). | | |
| [1] [1] [1] [1] | **Entry Delay 1** | 30 seconds | 1-255 seconds |
| | Duration of Group 1 Entry Delay. | | |
| [1] [1] [1] [2] | **Exit Delay 1** | 45 seconds | 1-255 seconds |
| | Duration of Group 1 Exit Delay. | | |
| [1] [1] [2] | **Exit/Entry Delay 2** | | |
| | Exit/Entry Delays (Group 2). | | |
| [1] [1] [2] [1] | **Entry Delay 2** | 45 seconds | 1-255 seconds |
| | Duration of Group 2 Entry Delay. | | |
| [1] [1] [2] [2] | **Exit Delay 2** | 60 seconds | 1-255 seconds |
| | Duration of Group 2 Exit Delay. | | |
| [1] [1] [3] | **Bell Timeout** | 04 minutes | 01-90 minutes |
| | Duration of the external sounder(s) during alarm. | | |
| [1] [1] [4] | **Bell Delay** | 00 minutes | 00-90 minutes |
| | The time delay before the keypad sounder and the external sounder operates after the onset of an alarm. | | |
| [1] [1] [5] | **AC Off Delay Time** | 30 minutes | 0-255 minutes |
| | In the case of a loss of AC power, this parameter specifies the delay period before reporting the event or operating the Utility Output.<br>If the delay time is set to **0** (zero), there will be no delay period | | |
| [1] [1] [6] | **Phone Line Cut Delay** | 04 minutes | 01-20 minutes |
| | In the case of a cut phone line, this parameter specifies the delay period before reporting the event into the event log or operating the Utility Output. | | |

**System: Timers**

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 1 1 7 | **Confirm Time Window** | 30 minutes | 30-60 minutes |
| | Specifies a time period that starts when an alarm is triggered for the first time. If a second alarm is triggered before the end of the confirmation time window, the WisDom will send a confirmed alarm to the Monitoring Station. | | |
| 1 1 8 | **Start Confirmation** | 0 minutes | 0-120 minutes |
| | Specifies that the WisDom cannot start a sequential confirmation process until the timer has expired. This time starts when the system has set and will prevent confirmed alarms being generated in situations when a person has been accidentally locked in the building. | | |

## 1 2 System: Control

The System Control menu contains parameters that control specific system operations.

➢ **To access the System Control menu:**

1. Access the System menu, as described on page 4-2.
2. From the System menu, press **[2]** to access the System Control menu options. The following display appears:

```
System control:
01)Quick arm  Y ↓
```

3. Access and configure the parameters in the System Control menu, as follows:

**System: Control**

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 1 2 01 | **Quick Arm** | YES | YES/NO |
| | **YES:** Eliminates the need for a User Code when arming in STAY or AWAY modes.<br>**NO:** A valid User Code is required for arming in STAY or AWAY modes. | | |
| 1 2 02 | **Quick UO** | YES | YES/NO |
| | **YES:** A user can activate a Utility Output without the need to enter a User Code.<br>**NO:** A User Code is required to activate a Utility Output. | | |
| 1 2 03 | **Allow Bypass** | YES | YES/NO |
| | **YES:** Permits zone bypassing by authorized system users after entering a valid User Code.<br>**NO:** Zone bypassing is NOT permitted. | | |
| 1 2 04 | **Quick Bypass** | NO | YES/NO |
| | **YES:** Eliminates the need for a valid User Code when bypassing zones.<br>**NO:** Qualified users must enter a valid User Code to bypass zones. | | |

## System: Control

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 1 2 05 | **False Code Trouble** | NO | YES/NO |
| | **YES:** A False Code report is sent to the Central Station after three successive attempts at arming or disarming in which an incorrect User Code is entered. No alarm sounds at the premises, but a trouble indication appears on the system's keypad(s).<br>**NO:** A local alarm is sounded at the premises. | | |
| 1 2 06 | **Bell Squawk** | YES | YES/NO |
| | **YES:** If a keyswitch or a rolling code remote control is used, a brief "chirp" is produced from the system's external sounder(s) (at the conclusion of the Exit Delay period), as follows:<br>✦ One chirp indicates the system is armed.<br>✦ Two chirps indicate the system is disarmed.<br>✦ Four chirps indicate the system is disarmed after an alarm.<br>**NO:** No "chirp" is produced. | | |
| 1 2 07 | **Bell 30/10** | NO | YES/NO |
| | **YES: The** sounders cease to sound for 10 seconds after each 30 seconds of operation.<br>**NO:** The sounders operate without interruption. | | |
| 1 2 08 | **Phone Cut Alarm** | NO | YES/NO |
| | **YES:** Activates the sounders if the phone line is cut or the telephone service is interrupted for the time defined in the **Phone Line Cut Delay Time** parameter. (Refer to *Phone Line Cut Delay Time*, page 4-3.)<br>**NO:** No activation occurs. | | |
| 1 2 09 | **3 Minute Bypass** | YES | YES/NO |
| | **YES:** Bypasses all zones automatically for 3 minutes when power is restored to an "unpowered" system to allow for the stabilization of motion and/or smoke detectors.<br>**NO:** No bypassing occurs. | | |
| 1 2 10 | **Audible Panic** | NO | YES/NO |
| | **YES:** The sounders operate when a "Police Alarm" is initiated at the keypad or when a Panic Zone is activated.<br>**NO:** No sounder operation occurs during a keypad "Police Alarm," making the alarm truly "silent" (Silent Panic).<br>**NOTE:**<br>The system also transmits a Panic report to the Central Station. | | |
| 1 2 11 | **Buzzer-->Bell** | NO | YES/NO |
| | **YES:** If an alarm occurs when the system is armed in the STAY mode, a buzzer sounds for 15 seconds before the sounders operate.<br>**NO:** An alarm in the STAY mode causes sounders to operate simultaneously. | | |

## System: Control

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 1 2 12 | **Fire Temporal Pattern** | NO | YES/NO |
| | **YES:** During a fire alarm, the sounders produce a pattern of three short bursts, followed by a brief pause. | | |
| | **NO:** During a fire alarm, the flow of sounds produced by the sounder is a pattern of 2 seconds ON, then 2 seconds OFF. | | |
| 1 2 13 | **Code Grand Master** | NO | YES/NO |
| | **YES:** Only a user with the Grand Master Authority Level can change all User Codes, along with the TIME and DATE. | | |
| | **NO:** Users with the Master and Manager Authority Levels can change their own User Codes, all codes with a lower Authority Level, and the TIME and DATE. | | |
| 1 2 14 | **Audible Jamming** | NO | YES/NO |
| | Relates to the **Jamming Time** parameter, described on page 4-12. | | |
| | **YES:** Once the specified time is reached, the WisDom activates the sounder and sends a Report Code to the Central Station. (Refer to *Jamming Trouble*, page 4-73.) | | |
| | **NO:** Once the specified time is reached the sounders do not operate. | | |
| 1 2 15 | **Technician Tamper** | NO | YES/NO |
| | **YES:** It is necessary to enter the Installer Code to reset a Tamper Alarm. Therefore, Tamper Alarm resets require the intervention of the alarm company. However, the system can still be armed. | | |
| | **NO:** Correcting the problem resets a tamper Alarm, requiring no alarm company help. | | |
| 1 2 16 | **Technician Reset** | NO | YES/NO |
| | **YES:** It is necessary to enter the Installer Code to reset an alarmed partition after it's been disarmed. This requires the intervention of the alarm company. | | |
| | **NOTE:** Before the **READY** LED can light, all zones within the partition must be secured. | | |
| | **NO:** Once an alarmed partition is reset, the **READY** LED lights when all zones are secured. | | |
| 1 2 17 | **Abort Alarm** | NO | YES/NO |
| | **YES:** If an alarm is sent in error, it is possible for the Central Station to receive an Abort Alarm Code, sent subsequent to the initial Alarm Code. This happens if a valid User Code is entered to reset the alarm within 90 seconds of initiation. | | |
| | **NO:** No Abort Alarm Code can be sent once an alarm has been triggered. | | |
| 1 2 18 | **Summer/Winter Clock** | NO | YES/NO |
| | **YES:** The WisDom automatically sets its Time of Day clock one hour ahead in the spring (on the last Sunday in March) and one hour back in the Autumn (on the last Sunday in October). | | |
| | **NO:** No automatic time accommodation is made. | | |

## System: Control

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 1 2 19 | **Forced Keyswitch Arming** | YES | YES/NO |

**YES:** Keyswitch arming is performed on any partition. Any violated (not READY) zone(s) in the partition will be bypassed automatically. The partition is then "force armed," and all intact zones are capable of producing an alarm.

**NO:** The partition cannot be armed using a keyswitch until all violated (not READY) zones are secured.

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 1 2 20 | **Pager** | NO | YES/NO |

Relates to the use of an alphanumeric pocket pager with the option to notify the customer when an event occurs. The pager's phone number must be programmed as a Follow-Me device in the WisDom's User Functions.

**YES:** When a call is made, event information is displayed on the alphanumeric pager.

The following examples and tips clarify the **YES** option.

Enter the phone number, as described in the *WisDom User's Manual,* by entering the letter **[B]** (which instructs the dialer to wait a fixed period of time before continuing).

Add the partition number to which the Follow-Me relates.

The following messages are delivered automatically to the pager.

| Displayed | Meaning |
|---|---|
| **1#** | The system (or partition) is armed. |
| **2#** | The system (or partition) is disarmed. |
| **3#** | The system (or partition) is in ALARM mode. |

In the example below, the first column displays the characters that are added after you enter the letter **[B]**:

| Characters Added After [B] | If Displayed | Meaning |
|---|---|---|
| 1 | 11# | Partition 1 is armed. |
| 2 | 22# | Partition 2 is disarmed. |
| 3 | 33# | Partition 3 is in ALARM mode. |

**NO:** The WisDom calls a pager during an alarm situation only in the partition for which it is programmed as a Follow-Me device. There are no enhancements to the standard message.

## System: Control

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 1 2 21 | **Arm Pre-Warning** | YES | YES/NO |
| | Related to auto arm/disarm operation.<br>**YES:** For any partition(s) set up for Auto Arming, an audible Exit Delay (warning) countdown will commence 4.25 minutes prior to the automatic arming. (Refer to the user's Daily Arm function in the *WisDom User's Manual* for additional details.)<br>During this period, Exit Delay beeps will be heard.<br>You can enter a valid User Code at any time during the countdown to delay the partition's automatic arming by 45 minutes.<br>When an "auto-armed" partition is disarmed, as described above, it can no longer be automatically armed during the current day.<br>The extended 4.25 minutes warning does not apply to automatic STAY mode arming.<br>**NO:** Auto Arming for any programmed partition(s) takes place at the designated time.<br>The programmed Exit Delay period and any audible signal occur as expected. | | |
| 1 2 22 | **Low Battery Arm** | YES | YES/NO |
| | **YES:** Allows arming of the system when a low battery condition is detected.<br>**NO:** Arming the system is disabled when a low battery condition is detected. | | |
| 1 2 23 | **Eng. Tamper** | NO | YES/NO |
| | **YES:** After a Tamper alarm, the system is not ready to arm. This requires the intervention of the alarm company.<br>**NO:** After a Tamper alarm is restored the system is ready. | | |
| 1 2 24 | **Blank Display** | NO | YES/NO |
| | **YES:** One minute after the last keypad operation, the display will appear blank. After pressing any key, an **Enter Code** message will be displayed. After the code is entered, the display returns to the normal operation mode.<br>**NO:** The LCD display operates normally. | | |
| 1 2 25 | **24 Hour Bypass** | NO | YES/NO |
| | **YES:** A user can bypass a 24-hour zone.<br>**NO:** A user cannot bypass a 24-hour zone. | | |

## System: Control

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 1 2 26 | **IMQ Install** | NO | YES/NO |

**YES:** Causes the following parameters to function as follows:

- **Auto Arm Bypass:** If there is an open zone during the Auto Arm process, the system will be armed, and a silent alarm will be activated (unless the open zone is closed).
- A utility output defined as “Auto Arm Alarm” (see page 4-37 ) is activated**.**
- A utility output defined as “Zone Loss Alarm” (see page 4-38 ) is activated

**NO:** Causes the following parameters to function as follows:

- **Auto Arm Bypass:** If the Auto Arm programming arms the system and there is an open zone during the auto arm, the system will bypass the open zones and arm the system.
- A utility output defined as “Auto Arm Alarm” (see page 4-37 ) is deactivated.
- A utility output defined as “Zone Loss Alarm” (see page 4-38 ) is deactivated

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 1 2 27 | **Grand Master Authority/Partition** | YES | YES/NO |

**YES:** Specifies that the allowed partitions and the authority level of a user can be changed by the Installer (Installer menu) or the Grand Master (User menu).

**NO:** Specifies that only the Installer can change the partition and the authority level of a user from the Installer programming menu.

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 1 2 28 | **Disarm Stop FM** | YES | YES/NO |

**YES:** The Follow-Me calls will stop when the partitions are disarmed by a User Code.

**NOTES:**

When a latched keyswitch is activated, you can **only** disarm the system by releasing the latched keyswitch.

When disarming from remote phone the **Disarm Stop FM** feature acts as **NO** even if it is defined as **YES**.

**NO:** The Follow-Me calls will continue to be made when the partitions are disarmed by a User Code.

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 1 2 29 | **Global Follower** | No | YES/NO |

**YES:** Specifies that all zones (that are programmed to follow an Exit/Entry Delay time) will follow the Exit/Entry Delay time of any armed partition.

**NO:** Specifies that all zones (that are programmed to follow an Entry Delay time) will follow the Entry Delay time of only the partitions to which they are assigned.

## System: Control

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 1 2 30 | **Area** | NO | YES/NO |

Changes the system operation to Area instead of Partition, which then changes only the operation of the common zone.

**YES:** When selected, the following points are relevant:

- ✦ The common zone will be armed after any partition is armed.
- ✦ The common zone will be disarmed only when all partitions are disarmed.

**NO:** When selected, the following points are relevant:

- ✦ The common zone will be armed only when all partitions are armed.
- ✦ The common zone will be disarmed when any partition is disarmed.

| | | | |
|---|---|---|---|
| 1 2 31 | **External Bell** | NO | YES/NO |

**YES:** Use this option when an external sounder is connected to the WisDom. The WisDom supervises the Bell (+)(-) terminals and BELL TMP COM terminals and announces troubles, events, alarms and reports.
To avoid Bell loop trouble, if no connection is made to the Bell (+)(-) terminals, use a 2.2 KΩ resistor in its place **.**

To avoid tamper alarm, if no connection is made to the BELL TMP COM terminals use a 2.2 KΩ resistor in its place.

**No:** Use this option when no external sounder is connected to the WisDom**.** The WisDom's Bell (+)(-) terminals and BELL TMP COM are not supervised. There will not be an indication of bell loop trouble or bell tamper alarm if no connection is made to these terminals.

| | | | |
|---|---|---|---|
| 1 2 32 | **Loudspeaker-No/Bell-Yes** | NO | YES/NO |

**YES:** (For a bell or electric siren) A 9 VDC is produced at the Bell terminals during burglary and panic alarm. A small pulsing voltage is produced during a fire alarm.

**No:** (For a loudspeaker with no build in siren driver) The WisDom produces a continuous oscillating voltage for burglary and panic alarms and an interrupted oscillating voltage for fire alarms.

## 1 3 Receiver

The Receiver menu contains parameters that control the WisDom receiver.

### ➢ To access the Receiver menu:

1. Access the System menu, as described on page 4-2.
2. From the System menu, press **[3]** to access the Receiver menu options. The following display appears:

```
Receiver:
1)Calibration    ↓
```

3. Access and configure the parameters in the Receiver menu, as follows:

**System: Receiver**

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 1 3 1 | **Calibration** | | |

Establishes the threshold level for jamming indication in order to eliminate false jamming alarms.

Range for noise threshold: **00-99.**

1. Press **[1]**. The following display appears, showing the current threshold level:

```
Thold=XX
Re-calibrate?   N
```

2. To perform a new automatic calibration, use the key to select **[Y] YES**.

   After the calibration process is finished, the new noise threshold is displayed, as follows:

```
Thold=XX
New Thold=XX
```

3. To confirm the new threshold, press #,

   **-OR-**

   To change the threshold manually, enter the required level and press #.

**NOTES:**

In order to ensure that a momentary high noise level (due to environmental reasons) will **not** cause a jamming alarm, you can set the noise level to be **higher** than the calibrated level.

**System: Receiver**

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 1 3 2 | **Jamming Time** | No Jamming detection | NONE, 10, 20 or 30 seconds |

Specifies the period of time that the WisDom's receiver tolerates unwanted radio frequencies capable of blocking (jamming) signals produced by the system's transmitters. Once the specified time is reached, the WisDom sends a Report Code to the Central Station. (Refer to *Jamming Trouble*, page 4-73.)

**NONE:** No jamming will be detected or reported.

**NOTE:**

Refer also to *Audible Jamming,* page 4-6. Different sounds will be produced when jamming is detected, depending on the defined Audible Jamming time.

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 1 3 3 | **Supervisory (S.V.) Time** | 0 hours | 0-7 hours |

Specifies how often the WisDom checks for supervision signals, identifying each of the system's transmitters. The WisDom generates a local trouble signal identifying the zone of any transmitter from which a signal is not received during the specified interval. Then it sends the Supervision Report Code to the Central Station. (Refer to *Report Codes: Zones trouble* page 4-69.)

**NOTES:**

**0** hours disables supervision.

It is recommended to set the supervision time to a minimum of **3** hours.

## 1 4 System: Clock

The Clock menu enables you to set the system's date and time.

### ➢ To access the Clock menu:

1. Access the System menu, as described on page 4-2.
2. From the System menu, press **[4]** to access the Clock menu options. The following display appears:

```
System Clock:
1)System time
```

3. Access and configure the parameters in the Clock menu, as follows:

**System: Clock**

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 1 4 1 | **System Time** | 00:00 | HH:MM |

Sets the current TIME (in 24-hour format).

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 1 4 2 | **System Date** | JAN 01 2000 (SAT) | MM DD YYYY (DAY) |

Sets the current DATE. (Refer to *Chapter 3, Programming the WisDom*, for instructions for using the keypad.)

# 1 5 System: Labels

The System Labels menu enables you to modify the labels displayed by the LCD that identify the system and partition labels.

## Entering a New Label Using the WisDom Keys

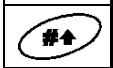
You can rename the labels that identify zones and partitions by changing the default labels (**Partition 1**, **Partition 2**, and so on) to, for example, **The Jones's**, **Sales Dept**, or **Mastr Bedr** as appropriate.

### ➢ To enter a new label:

Use the keys on the keypad to produce characters according to the table below. Pressing a particular key toggles between the characters available from that key in the sequence listed below followed by a blank space. The WisDom permits a total of 74 characters (letters, numbers, and symbols) for use in labeling.

**NOTE:**

The data sequence of each key in the following table is suitable only for the English version.

| KEY | DATA SEQUENCE | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1** | 1 | A | B | C | D | E | F | G | H | I | J | K | L | M | |
| **2** | 2 | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | |
| **3** | 3 | ! | " | & | ' | : | – | . | ? | / | ( | ) | | | |
| **4** | 4 | a | b | c | d | e | f | g | h | i | j | K | l | m | |
| **5** | 5 | n | o | p | q | r | s | t | u | v | w | X | y | z | |
| **6 - 0** | Each of these keys toggles between producing their number and a blank space. | | | | | | | | | | | | | | |
| | Use this button to toggle forward through the available characters. | | | | | | | | | | | | | | |
| | Use this button to toggle backward through the available characters. | | | | | | | | | | | | | | |
| | To move the cursor to the left. | | | | | | | | | | | | | | |
| | To move the cursor to the right. | | | | | | | | | | | | | | |
|  | To enter a completed label into the system. | | | | | | | | | | | | | | |

The number of allowed characters for each type of label varies, as follows:

- **Zone Label:** Up to 15 characters
- **Partition Label:** Up to 12 characters
- **Programmable Output Label:** Up to 12 characters
- **Message to the User Label:** Up to 12 characters
- **Service Information Label:** Up to 16 characters
- **Service Name Label:** Up to 16 characters
- **System Global Label:** Up to 16 characters
- **User Label:** Up to 10 characters

➢ **To access the System Labels menu:**

1. Access the System menu, as described on page 4-2.
2. From the System menu, press **[5]** to access the Labels menu options. The following display appears:

```
Labels:
1)System
```

3. Access and configure the parameters in the System Labels menu, as follows:

**System: Labels**

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 1 5 1 | **System** | WisDom | Any 12 characters |
| | Edits the global (system) label for viewing during Download sessions. | | |
| 1 5 2 **to** 1 5 4 | **Partitions 1 through 3** | Partitions 1 through 3 | Any 12 characters |

Partitions 1 through 3.

**Example:** The example below describes how to edit each partition label.

**TO ASSIGN *THE JONES'S* NAME TO PARTITION 1, FOLLOW THE STEPS BELOW:**

1. Press **[1]** for partition 1 and press .
2. Press the **[2]** key repeatedly until a **T** appears in the display; press the key once to move the cursor to the right.
3. Press the **[4]** key repeatedly until an **h** appears in the display; again, press the key to advance the cursor.
4. Press the **[4]** key repeatedly until an **e** appears and press key to advance the cursor.
5. Press the **[6]**, **[7]**, **[8]**, **[9]**, or **[0]** key to create a space and press key to advance the cursor.
6. Press the **[1]** key until a **J** appears.
7. Use the elements of this procedure to assign the remaining Partition Labels.

## 1 6 System: Tamper Sound

The Tamper Sound menu contains parameters that enable you to set the sound(s) that will be produced by the WisDom after a Tamper violation of a zone, the WisDom box, wireless keypad or any other device.

### ➢ To access the Tamper Sound menu:

1. Access the System menu, as described on page 4-2.
2. From the System menu, press **[6]** to access the Tamper Sound menu options. The following display appears:

```
Tamper sound:
5)Bell/A Buz/D
```

3. Access and configure the parameters in the Tamper Sound menu, as follows:

**System: Tamper Sound**

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 1 6 1 to 5 | **TAMPER SOUND** | BELL/A BUZZER/D | 1 to 5 |

Sets the sound(s) produced by a Tamper violation as follows:

| Key | Sound |
|---|---|
| **1** | Silent |
| **2** | Bell (External Sounder) Only |
| **3** | Buzzer (Keypad Piezo) Only |
| **4** | Bell + Buzzer |
| **5** | Bell/A Buzzer/D |

**NOTE:**

If you select the last option (**5**), during a Tamper alarm, a bell will sound when the system is armed, and a buzzer will sound when the system is disarmed.

## 1 7 System: Default Jumper

**Default:** Enable

**Range:** Enable/Disable

The Default jumper parameter relates to what happens if the DEFAULT (J9) Jumper is in place when power to the WisDom is switched off and then on.

### ➢ To access the Default jumper menu option:

1. Access the System menu, as described on page 4-2.
2. From the System menu, press **[7]** to access the Default jumper menu option. The following display appears:

```
Default jumper:
 (J9) is enabled
```

3. Select the required option, as follows:
   - **ENABLE**: The WisDom loses its programmed configuration, including all Labels and User/Installer Codes. It returns to its original, factory default configuration. Any user who knows the default User and Installer Codes can then reprogram it.
   - **DISABLE:** An unauthorized user cannot return the system to the manufacturer's default settings. The WisDom maintains its previously programmed configuration, keeping all Parameters, Labels, and User/Installer Codes intact. As with any instance of a total loss of power, you must reset the system's TIME and DATE.

## [1] [8] System: Service Information

The Service Information menu enables to insert information accessible to the system's users of the alarm company from whom the service is obtained.

### ➢ To access the Service Information menu:

1. Access the System menu, as described on page 4-2.
2. From the System menu, press **[8]** to access the Service Information menu options. The following display appears:

```
Service info:
1)Serv. Name
```

3. Access and configure the parameters in the Service Information menu, as follows:

**System: Service Information**

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| [1] [8] [1] | **Service Name** | Rokonet Security | Any 16 characters |
| | Enables you to insert and/or edit the name of the alarm company from whom service may be obtained. For additional details about how to enter a label, refer to page 4-13). | | |
| [1] [8] [2] | **Service Phone** | System | Any 16 characters |
| | Enables you to insert and/or edit the service phone number. | | |

## [1] [9] System: Version

The System Version menu supplies the current system version .

### ➢ To access the System Version menu:

1. Access the System menu, as described on page 4-2.
2. From the System menu, press **[9]** to access the System Version menu option. The system version with the software's checksum number is displayed.

# [2] Zones

The Zones menu provides access to submenus that are used for programming, defining, editing and testing each of the system's protected zones.

After you access the Zones menu from the main Installer Programming menu, as described in this section, you can access the following submenus:

[2] [1] **Allocation**, page 4-17

[2] [2] **Parameters**, page 4-18

[2] [3] **Testing**, page 4-28

[2] [4] **Editing**, page 4-29

[2] [5] **Crossing,** page 4-31

[2] [6] **Alarm Confirmation,** page 4-32

### ➢ To access the Zones menu:

✦ From the main Installer Programming menu, press **[2]**, or press the ↵ or ↵ keys until you find the number **[2] Zones** option and then press #. The first submenu (Allocation) appears:

```
Zones:
1)Allocation
```

You are now in the Zones menu and can access the required submenus, as described in the following sections.

# [2] [1] Zones: Allocation

The Zone Allocation menu enables to allocate the data it receives from any of the system's wireless transmitters in a process often referred to as WRITE mode. For additional information refer to the instructions supplied with each transmitter.

### ➢ To access the Allocation menu:

1. Access the Zones menu, as described on page 4-17.
2. From the Zones menu, press **[1]** to access the Allocation menu options.
3. Specify a two-digit zone number intended for the first wireless transmitter and press #. The following display appears:

```
Zone:xx  (Alloc)
1)Skip
```

| | |
|---|---|
| [2] [1] [ZZ] # <br> [1] | **Skip** |
| | Skip to the next transmitter assignment |

| | | |
|---|---|---|
| 2 1 ZZ #↑ 2 | **Re (Write)** | |
| | Overwrite the data into the selected location and allocate the transmitter to a zone (within 255 seconds), according to the instructions supplied with each transmitter. If the WisDom successfully recognizes the transmitter it will sound a confirmation beep. | |
| 2 1 ZZ #↑ 3 | **Delete** | |
| | Erase the allocation data in the selected location and then press **[Y] YES** or **[N] NO** to confirm your choice | |
| 2 1 ZZ #↑ 4 | **Supervision** | |
| | Choose supervision and then press **[Y] YES** or **[N] NO** to confirm your choice | |

## 2 2 Zones: Parameters

The Parameters menu provides access to submenus and their related parameters that are used for programming the characteristics of each of the system's protected zones.

You can program by zone or by category. The first submenu allows you to program all parameters for each zone one by one. You can also program one or more zones by category using the following sub-menus: label, partition, Zone Type, Zone Sound and force arming.

After you access the Parameters menu from the main Installer Programming menu, as described in this section, you can access the following submenus :

- ✦ One by one
- ✦ Zone Label
- ✦ Partitions
- ✦ Type
- ✦ Zone Sound
- ✦ Force Arming

**Zones: Parameters**

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 2 2 1 | **One By One** | | |

The one by one option enables to program the full complement of parameters for each zone on a one-by-one basis

1. Specify a two-digit zone number from which you want to start programming (for example, 01) and press #↑ again to access the category zone Label
2. Assign a label and press #↑ to proceed to Zone partitions.
3. Use keys [1] to [3] to toggle the partition status between [Y] YES and [N] No. Press #↑ to proceed to Zone Type.
4. To program Zone Type, as well as the other zone categories, select the following options (refer to the following pages for further instructions)

- ❖ Zone Type: Select a type and press #
- ❖ Zone Sound: Select a sounding method and press #

**IMPORTANT:**

- ✦ When using the One by One method, the listing of each zone's parameters is sequential. Once Zone 1's parameters have been programmed, they are followed by Zone 2's, then Zone 3's, and so forth.
- ✦ To program one or more of the system's zones using the One by One method, changes made to any (or all) of the Zone parameters will NOT be recorded without going through the One by One list, ending with the Zone sound parameter of the last zone you want to program.

After making changes to the Zone Sound parameter, press #. This produces a one-second tone and assures that change(s) you make to the zone programming are recorded when you exit the One by One programming mode.

## Zone 33 (Wired zone)

Zone 33 is defined in the WisDom as a wired zone. Therefore, during the One By One option it has two additional parameters which follow the sound definitions and apply only for this wired zone:

- ✦ **Zone termination**
- ✦ **Zone loop response**

### Zone Termination:

The Termination menu enables you to program the connection type used for the wired zone, zone 33. The actual (physical) termination for each zone must comply with that selected in the zone termination menu.

- ❖ **N/C**: (Normally Closed) Uses normally-closed contacts and no terminating End-of-Line Resistor.
- ❖ **EOL**: (End of Line) Uses normally-closed (NC) and/or normally-open (NO) contacts in a zone terminated by a supplied 2200Ω End-of-Line Resistor
- ❖ **DEOL**: (Double End of Line) Uses normally-closed (NC) contacts in a zone using at least two 2200Ω End-of-Line Resistors to distinguish between alarms and tamper conditions
- ❖ **N/O**: (Normally Open) Uses normally-open contacts and no terminating End-of-Line Resistor

**NOTE:**

See Wiring diagram in *Chapter 2, Wiring the hardwire Zone* , page *2-9.*

### Zone Loop Response:

The Loop Response menu enables you to set the different times for which a zone 33 violation must exist before the zone will trigger an alarm condition.

The following option are available:

1) Normal: 400 ms (milliseconds)
2) Long: 1 second
3) Fast: 10 ms (milliseconds)
4) 0.5 hours
5) 1 hour
6. 1.5 hours
7) 2 hours
8) 2.5 hours
9) 3 hours
10) 3.5 hours
11) 4 hours

## Zones: Parameters

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 2 2 2 | **Zone Label** | | |

The Zone Label menu enables you to create and/or edit up to 15 characters to describe each of the system's zones.

Default: Zone 01, Zone 02, Zone 03, Zone 04 and so on for each zone

Range: Any characters

1. From the Parameters menu, press **[2]** to access the Labels menu options. The following display appears:

```
Zone label:
Zone:01    (01-33)
```

2. Press #▲ to label Zone 01 (or enter another zone number). The following display appears:

```
Zone label:  01
Zone 01
```

Refer to page 4-13, for details about how to enter a label.

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 2 2 3 | **Zone Partition** | | Range: Partition 1-3 |

The Partitions menu contains parameters that enable you to program the partition assignment for each zone.

1. From the Parameters menu, press **[3]** to access the Partitions menu options. The following display appears:

```
Zone partition:
Zone:01    (01-33)
```

2. Specify a two-digit zone number and press #▲. The following display appears:

```
P=123       Z=XX
  Y..
```

**NOTE:**

The **XX** in the **Z=XX** designation refers the zone number.

In a multi-partitioned system, a zone can be assigned to more than one partition.

A system without partitions is regarded as having a single partition (meaning **Partition 1**).

Use keys **[1]** to **[3]** to toggle the partition status between **[Y] YES** or **[N] NO**.

## Zones: Parameters

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 2 2 4 | **Zone Type** | | |

The Zone Type menu contains parameters that enable you to program the zone type for any zone. Setting the zone type is partly determined by the arming levels, as follows:

- **Disarm**: The system reacts only to those zones defined as 24 HR, Fire, Panic, and Trouble.
- **Arm**: The system reacts to all zones.
- **Stay**: The system does not react to zones defined as internal (home). This setting allows freedom of movement in those zones.

There are 22 zone types in the system, as described in the following procedure.

From the Zones menu, press **[3]** to access the Zone Type menu options. The following display appears:

```
Zone type:
Zone:01     (01-33)
```

Specify a two-digit zone number and press #.

Access and configure the parameters in the Zone Type menu, as follows

### Parameters: Zone Type

| Quick Keys | Parameter | Default | Arming Level/ Range |
|---|---|---|---|
| 2 2 4 ZZ + # 00 | **Not Used** | NONE | |
| | Disables a zone. All unused zones should be given this designation. | | |
| 2 2 4 ZZ + # 01 | **Exit/Entry 1** | | Arm/Stay |
| | Used for Exit/Entry doors.<br>Zones in the Exit/Entry path, that when violated do not cause an intrusion alarm during the **Exit/Entry Delay** periods (refer to *Exit/Entry Delay 1* and *Exit/Entry Delay 2*, page 4-3).<br>A zone must be secured during arming and when the delay expires. Use this zone to trigger the entry delay. | | |
| 2 2 4 ZZ + # 02 | **Exit/Entry 2** | | ARM/STAY |
| | Same as above, except that the Exit/Entry 2 time period applies. | | |

## Zones: Parameters

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 2 2 4 ZZ + #↑ 03 | **Exit (OP)/Entry** | Default for zone 1 | ARM/STAY |
| | Used for an exit/entry door, open during the armed period.<br>This zone behaves as described in the **Exit/Entry 1** parameter, shown above, except that, if faulted when the system is being armed, it does NOT prevent arming.<br>To avoid an intrusion alarm, it must be secured before the expiration of the **Exit Delay** period. | | |
| 2 2 4 ZZ + #↑ 04 | **Entry Follower** | Default for zone 2 | ARM/STAY |
| | Usually assigned to motion detectors and to interior doors protecting the area between the entry door and the WisDom.<br>This zone(s) causes an immediate intrusion alarm when violated unless an Exit/Entry zone was violated first. In this case, Entry Follower zone(s) will remain bypassed until the end of the Entry Delay period. | | |
| 2 2 4 ZZ + #↑ 05 | **Instant** | Default for all zones except 1 and 2 | ARM/STAY |
| | Usually intended for non-exit/entry doors, window protection, shock detection, and motion detectors.<br>Causes an immediate intrusion alarm if violated after the system is armed or during the Exit Delay time period.<br>When Auto Arm and Pre-Warning are defined, the instant zone will be armed at the end of the Pre-Warning time period. | | |
| 2 2 4 ZZ + #↑ 06 | **I+ Exit/Entry 1**<br>**(Interior +Exit/Entry 1)** | | Arm |
| | Used for Exit/Entry doors, as follows:<br>✦ If the system is armed in the AWAY (ARM) mode, the zone(s) provide a delay (specified by Exit/Entry 1) allowing entry into and exit from an armed premises.<br>✦ If the system is armed in the STAY mode, the zone is bypassed.<br>**IMPORTANT:**<br>For greater security when arming in the STAY mode, it is possible to eliminate the Entry Delay period associated with any zone(s), classified as *Exit/Entry Delay 1* by pressing the 🔒 key twice, one after another. In effect, this makes it an INSTANT zone during the STAY mode of operation. | | |
| 2 2 4 ZZ + #↑ 07 | **I+Exit/Entry 2**<br>**(Interior+Exit/Entry 2)** | | Arm |
| | Same as the **I+Exit/Entry 1** parameter, described above, but the Exit/Entry 2 time period is applicable. | | |

## Zones: Parameters

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 2 2 4 ZZ + #↑ 08 | **I+Exit(OP)/Entry (Interior+Exit(OP)/Entry)** | | Arm |

Used for an exit/entry door that, for convenience, may be kept open when the system is being armed, as follows:

- ✦ In AWAY (ARMED) mode, refer to the explanation in *Zone Type 03*, page 4-22.
- ✦ In STAY (ARMED) mode, the zone will be bypassed.

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 2 2 4 ZZ + #↑ 09 | **I+Entry Follow (Interior+Entry Follower)** | | Arm |

Generally used for motion detectors and/or interior doors (for example, foyer), which would have to be violated after entry in order to disarm the system, as follows:

- ✦ In AWAY (ARM) mode, refer to the explanation in *Zone Type 04*, page 4-22.
- ✦ In STAY (ARM) mode, the zone will be bypassed.

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 2 2 4 ZZ + #↑ 10 | **I+Instant (Interior+Instant)** | | Arm |

Usually intended for non-exit/entry doors, window protection, shock detection and motion detectors.

- ✦ In AWAY (ARM) mode, a violation of this zone after the system is armed or during the Exit Delay time period causes an immediate intrusion alarm.
- ✦ In STAY (ARM) mode, the zone is bypassed.

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 2 2 4 ZZ + #↑ 11 | **UO Trigger** | | Arm |

For a device or zone, which if violated at any time triggers a previously programmed Utility Output, capable of activating an external indicator, relay, appliance, and so on.

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 2 2 4 ZZ + #↑ 12 | **Day Zone** | | Arm |

Usually assigned to an infrequently used door, such as an emergency door or a movable skylight. Used to alert the system user if a violation occurs during the disarmed period (trouble by day; burglary at night), as follows:

- ✦ With the system armed (either AWAY or STAY), the zone acts as an instant zone. A violation of this zone after the system is armed or during the Exit Delay time period causes an immediate intrusion alarm.
- ✦ With the system disarmed, a violation of this zone attempts to alert the user by causing the TROUBLE LED to flash rapidly. This directs the user to view the system's TROUBLE indications.
- ✦ Optionally, such a violation can be reported to the Central Station as a Zone Trouble. (Refer to *Report Codes: Miscellaneous*, page 4-69)

## Zones: Parameters

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 2 2 4 ZZ + #↑ 13 | **24 Hours** | | All |
| | Usually assigned to protect non-movable glass, fixed skylights, and cabinets (possibly) for shock detection systems.<br>A violation of such a zone causes an instant intrusion alarm, regardless of the system's state. | | |
| 2 2 4 ZZ + #↑ 14 | **Fire** | | All |
| | For smoke or other types of fire detectors. This option can also be used for manually triggered panic buttons or pull stations (if permitted), as follows:<br>If violated, it causes an immediate fire alarm, and the Arm LED is lit.<br>A fault in the wiring to any fire zone causes a Fire Trouble signal (a rapid flashing of the trouble LED).<br>**NOTE:**<br>Zone 33 cannot be defined as a Fire zone | | |
| 2 2 4 ZZ + #↑ 15 | **Panic** | | All |
| | Used for external panic buttons and wireless panic transmitters.<br>If violated, an immediate panic alarm is sounded (if the zone sound is not defined as silent), regardless of the system's state. An alarm display will not appear on the keypads. | | |
| 2 2 4 ZZ + #↑ 16 | **Special** | | All |
| | For external auxiliary emergency alert buttons and wireless auxiliary emergency transmitters.<br>If violated, an immediate auxiliary emergency alarm is sounded, regardless of the system's state. | | |
| 2 2 4 ZZ + #↑ 17 | **Pulse Keyswitch** | | |
| | Used to arm/disarm the system.<br>Connect an external momentary action keyswitch to any zone terminals given this designation. | | |

## Zones: Parameters

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 2 2 4 ZZ + #↑ 18 | **Exit Termination** | | |

This type of zone is used to avoid a false alarm by acting like an Exit (OP)/Entry zone (see *Exit (OP)/Entry*, see page 4-22).

When triggered (after arming the system and closing the door **or** opening the door, arming the system, and closing the door), the system's Exit Delay time period will be shortened to 3 seconds.

When you re-open the door, the entry time restarts.

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 2 2 4 ZZ + #↑ 19 | **Latch Keyswitch** | | |

Connect an external SPST latched (non-momentary) keyswitch to zone 33 or to any other wireless device as follows:

- ✦ After arming one or more partitions using the keyswitch and then disarming using the keypad, the related partitions will be disarmed. In order to arm the partition using the keyswitch again, turn the key to the disarm position and then to the arm position.
- ✦ If a keyswitch latch is assigned to more than one partition and one of the partitions is armed by using the keypad (the keyswitch stays in the disarm position), then:
  - ❖ When changing the position of the keyswitch to the arm position, all the disarmed partitions, which belong to this keyswitch, will be armed.
  - ❖ When turning the keyswitch to the disarm position, all the partitions will be disarmed.

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 2 2 4 ZZ + #↑ 20 | **Entry Follower + Stay** | | All |

Assigned to motion detectors and to interior doors protecting the area between the entry door and the keypad, as follows:

- ✦ In STAY (ARM) mode, a zone(s) given this designation behaves like an Exit/Entry zone and is subject to the Entry and Exit Delay time periods specified under Exit/Entry Delay 1. (Refer to *Exit/Entry Delay 1*, page 4-3.)
- ✦ In AWAY (ARM) mode, a zone(s) given this designation behaves like an Entry Follower Zone and causes an immediate intrusion alarm when violated unless an Exit/Entry zone was violated first.
- ✦ If so, an Entry Follower + Stay zone(s) remains bypassed until the end of the Entry Delay period.

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 2 2 4 ZZ + #↑ 21 | **Keyswitch Delay** | | |

Used to apply the **Exit/Entry Delay 1** parameter to the momentary keyswitch operation.

## Zones: Parameters

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 2 2 4 ZZ + #↑ 22 | **Latch KSW Delay** | | |
| | Used to apply the **Exit/Entry Delay 1** parameter to the latched keyswitch operation. | | |
| 2 2 5 | **Zone Sound** | | |

The Zone Sound menu contains parameters that enable you to program the sound produced when a system zone triggers an alarm. Reports to the Central Station are not affected by any of the options in this menu

1. From the Parameters menu, press **[5]** to access the Zone Sound menu options. The following display appears:

```
Zone sound:
Zone:01     (01-33)
```

2. Specify a two-digit zone number and press #↑.
3. Access and configure the parameters in the Zone Sound menu, as follows

## Parameters : Zone Sound

| Quick Keys | Parameter | Default |
|---|---|---|
| 2 2 5 ZZ + #↑ 1 | **Silent** | |
| | Produces no sound. | |
| 2 2 5 ZZ + #↑ 2 | **Bell Only** | |
| | Activates the bell sounders for the duration of the Bell Timeout period, or until a User Code is entered, followed by use of the #↑ key. | |
| 2 2 5 ZZ + #↑ 3 | **Buzzer Only** | |
| | Activates each keypad's internal piezo buzzer. | |
| 2 2 5 ZZ + #↑ 4 | **Bell + Buzzer** | Default for all zones |
| | Activates the bell sounders and the keypads' buzzers simultaneously. | |
| 2 2 5 ZZ + #↑ 5 | **Door Chime** | |

The **Door Chime** parameter is used as an audible sounder to indicate the violation of a zone(s), as follows:

- ✦ If the system is DISARMED, the system's keypad buzzers make three momentary sounds whenever the zone is violated.
- ✦ If the system is ARMED, only the bell sounders will produce the alarm.

## Zones: Parameters

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 2 2 5 ZZ + #♦ 6 | **(BELL/A BUZZER/D)** | | |

In a case of alarm, the following occurs:

- ✦ In DISARM mode, only the buzzer will operate.
- ✦ In ARM mode, only the bell will operate.

| Quick Keys | Parameter |
|---|---|
| 2 2 6 | **Force Arm** |

This option enables or disables the use of forced arming for each of the system's zones, as follows:

- ✦ If forced arming is enabled for a particular zone, it allows the system to be armed even though this zone is faulted.
- ✦ When a zone(s) enabled for forced arming is faulted, the keypad's READY LED blinks during the disarm period.
- ✦ After arming, all zones enabled for forced arming are bypassed at the end of the Exit Delay time period.
- ✦ If a faulted zone (one enabled for force arming) is secured during the armed period, it will no longer be bypassed and will be included among the system's armed zones.

To force arm a zone:

1. Press **[6]** and then press #♦. The following display appears:

```
Forced ARM:
Zone:01     (01-33)
```

2. Enter the number of the zone for forced arming and press #♦.
3. Use the ← or → keys to select **ENABLE** or **DISABLE** and press #♦.
4. Repeat steps 1 to 3 to change the forced arm status of any additional zone.
5. Press the #♦ key to exit.

**NOTE:**

Report Codes for forced arming and zones bypassed in the process can be sent to the Central Station (refer to page 4-72).

# 2 3 Zones: Testing

The Testing menu enables you to test the zones.

➢ **To access the Testing menu:**

1. Access the Zones menu, as described on page 4-17.
2. From the Zones menu, press **[3]** to access the Testing menu options. The following display appears

```
Zone testing:
01)WL.comm.test
```

## 2 3 1 Wireless Communication Test

Performs a communication test between the transmitters and the WisDom's receiver.

1. Press **[1]**. The following display appears:

```
Zone comm.test:
01)Zone 01   :00
```

2. In order to proceed, initiate a transmission from the selected zone.

   A number between 00-99 indicates the strength of the signal between the transmitter and the WisDom. A successful test will be followed by a confirmation beep.

   **NOTE:**

   For successful communication the strength of the signal should be higher that the receiver's noise threshold level (see page 4-11)

3. Use the or keys to select the zone number for the next wireless transmitter.
4. Press the key to return to the higher programming level.

## 2 3 2 Soak Test

The Soak Test feature is designed to allow false alarming for predefined detectors to be bypassed from the system, while any alarms generated are displayed to the user for reporting to the Alarm company. This is especially useful if Police response withdrawal is being threatened and a particular zone is causing unidentified problems.

Up to 8 zones can be placed on Soak Test. Any zone placed in the Soak Test list is bypassed from the system for 14 days and is automatically reinstated after that time if NO alarms have been generated by it.

If a zone in the Soak Test list has an alarm during the 14-day period, the keypad indicates to the user that the test has failed. After the user looks at the View Trouble option (described in the *WisDom User's Manual*), the trouble message will be erased. This will be indicated in the event log, but no alarm will be generated. The alarmed zone's 14-day Soak Test period is then reset and restarted.

1. From the Installer Programming menu, press quick keys **[2] [3] [2]**. The following display appears:

```
Zones for test:
01)None          ↓
```

2. To put a zone on Soak Test, press #. The following display appears:

```
LOCATION 01:
ZONE:00    (00–33)
```

3. Press the keys as per the zone number (e.g. **01** for zone 1) and then press #. The menu moves to the next zone.

4. To add a second zone for Soak Test, press # and repeat the procedure above,

   **-OR-**

   Press the * key to return to the previous menu.

## 2 4 Zones: Editing

The Editing menu provides some useful tools for system maintenance.

➢ **To access the Editing menu:**

**1.** Access the Zones menu, as described on page 4-17.

**2.** From the Zones menu, press **[4]** to access the Editing menu options. The following display appears

```
Zone editing:
1)Copy zone      ↓
```

**Zones: Editing**

| Quick Keys | Parameter |
|---|---|
| 2 4 1 | **Copy to a Zone** |

Copies all the parameters belonging to a specified zone (except the Label parameter).

1. Press **[1]**. The following display appears:

```
Copy zone:
From:01  To:01
```

2. Use the ↵ or ↔ keys or the **[1** to **9]** keys to select the zone from which a copy is to be made and the zone to which it is being copied.

   Using this function provides no confirmation before advancing to another Copy Zone opportunity.

3. Press the * key to exit. The process is executed as the display is changed.

| Quick Keys | Parameter |
|---|---|
| 2 4 2 | **Delete a Zone** |

Deactivates a designated zone by setting its Zone Type to *Not Used*, while maintaining all the previously programmed parameters.

1. Press **[2]**.
2. Use the or keys or the **[1 to 9]** keys to select the zone that is to be deleted. This process can also be used to temporarily disable a zone from the protection scheme.
3. Confirm your choice by selecting either **[Y] YES** or **[N] NO** and pressing .
4. Press the key to exit. The process is executed as the display is changed.

| | |
|---|---|
| 2 4 3 | **Add/Copy Partition** |

Assigns, to a designated partition, all the zones (and their respective parameters) belonging to a specified partition, while keeping the original partition intact.

For example, copying Partition 1 to Partition 2 simply duplicates all Partition 1's zones in Partition 2.

1. Press **[3]**.
2. Use the cursor keys to select the source and destination partitions.

   Using this function provides no confirmation before advancing to another Add/Copy Partition opportunity.
3. Press the key to exit. The process is executed as soon as the display is changed.

| | |
|---|---|
| 2 4 4 | **Delete a Partition** |

Deletes a designated partition. Selecting this option removes all zones assigned to it, effectively removing the partition from the system.

1. Press **[4]**.
2. Use the cursor keys to select the partition that you want to delete.
3. Confirm your choice by selecting either **[Y] YES** or **[N] NO** and pressing .
4. Press the key to exit.

## 2 5 Zones: Cross Zone

**Default:** No cross zoning

The Cross Zone menu is used for additional protection from false alarms and contains parameters that enable you to link together two related zones. Both must be violated within a designated time period (between 1 and 9 minutes) before an alarm occurs.

This type of linking is used with motion detectors in *hostile* or *false-alarm prone* environments.

**NOTE:**

The WisDom allows 10 unique sets of zone links (pairs of zones), which can be manually specified, as required.

### ➢ To access the Cross Zone menu:

1. Access the Zones menu, as described on page 4-17.
2. From the Zones menu, press **[5]** to access the Cross Zone menu options. The first zone link appears:

```
Zone crossing:
01) 01 with 01
```

3. Press #▲ to modify the first set (01) of zone links.

```
Crossing set 01:
1st=01 01  2nd=01
```

4. Select the zone pairs manually, as required, by making changes to the number of the first zone in the set, followed by the number of the second zone. If necessary, use the ↵ or ↷ keys to position the cursor.

**NOTES:**

Zones crossed with themselves are valid pairs. They need to register a violation twice to trigger the alarm. This process is known as Double Knock.

You may want to establish a number of zone links, but leave them deactivated at this time (see below).

5. Press #▲ to determine how the WisDom will process violations of the paired zones.
6. Access and configure the paired parameters in the Cross Zone menu, as follows:

**Zones: Crossing**

| Quick Keys | Parameter | Default |
|---|---|---|
| 2 5 1 | **None** | ✓ |
| | Temporarily disables any associated zone pairings. | |
| 2 5 2 | **Ordered** | |
| | Effects an alarm so the first listed zone is tripped before the second. | |
| 2 5 3 | **Not Ordered** | |
| | Affects an alarm in which either zone in the pair may be tripped first. If this case, the specified zone order (1st, 2nd) has no bearing on the alarm activation. | |

7. After choosing one of the above, press #↑ to define the maximum time-lapse interval between 1 and 9. The **Time Slot** parameter appears:

```
Slot:     01,01:
Time=1 Minutes
```

8. Enter the time slot, meaning the maximum amount of time allowed between the triggering events for them to be considered a valid violation (**XX,YY** indicate the crossed zones).
   - **Default:** 1 min
   - **Range:** 1 to 9 minutes
9. Repeat the entire process, as required, for any additional zone links (up to 10).

## 2 6 Zones: Alarm Confirmation

The Zone Alarm Confirmation menu enables to define protection against false alarm and will be used for alarm verification.

### ➢ To access the Alarm Confirmation menu:

1. Access the Zones menu, as described on page 4-17.
2. From the Zones menu, press **[6]** to access the Alarm Confirmation menu options. The first option appears:

```
Alarm Confirm:
1)Partition    ↓
```

3. Access and configure the partitions and zones to be used in the alarm confirmation process , as follows:

**Zones: Alarm Confirmation**

| Quick Keys | Parameter | Default |
|---|---|---|
| 2 6 1 | **Confirm Partition** | No |
| | Defines which partitions will be defined for alarm sequential confirmation.<br>Each confirmed partition has a separate timer, which is equivalent to the confirmation time defined in "Confirm Time Window" (see page 4-4).<br>A confirmed intruder alarm will be reported if two separate alarm conditions are detected in the same confirmed partition, during the confirmation time.<br>**YES**: The partition is defined for alarm confirmation.<br>**NO**: The partition is not defined for alarm confirmation | |
| 2 6 2 | **Confirm Zones** | No |
| | Define which zones will be defined for alarm sequential confirmation.<br>When the first zone goes into alarm the WisDom transmits the first zone alarm. When the second zone goes into alarm, during the confirmation time, the panel transmits the zone alarm and the Police code.<br>**YES**: The zone is defined for alarm confirmation.<br>**NO**: The zone is not defined for alarm confirmation | |

## Zones: Alarm Confirmation

| Quick Keys | Parameter | Default |
|---|---|---|

**NOTES:**

1. A confirmed zone will be part of the sequential confirmation only if the partition in which the alarm occurs is defined as confirmed partition as well.

2. Any Code can reset a confirmed alarm.

3. If the first zone is violated and not restored until the end of the confirmation time (no second zone alarm), than this zone will be excluded from the confirmation process until the next arming.

# 3 Outputs

The Outputs menu provides access to submenus and their related programming parameters that enable you to choose the event that will trigger a selected Utility Output, as well as the manner in which the output will be applied.

In addition you can assign the outputs that will be activated by the user using the quick function key operation.

After you access the Utility Output menu from the main Installer Programming menu, as described in this section, you can access the following submenus:

3 1 **Define**, page 4-34

3 2 **Output A**, page 4-41

3 3 **Output B**, page 4-41

### ➢ To access the Outputs menu:

From the main Installer Programming menu, press **[3]**, or press the or keys until you find the number **[3] Utility Output** option and then press . The first submenu appears:

```
Outputs:
1)Define
```

You are now in the Outputs menu and can access the required submenus, as described in the following sections.

# 3 1 Outputs: Define

The Outputs Define menu provides access to submenus and their related programming parameters that enable you to choose the event that will trigger a selected Utility Output.

### ➢ To access the Define menu:

1. Access the Outputs menu.
2. From the outputs menu press **[1]** to access the Define menu of outputs operation.
3. Enter a two-digit number for the Utility Output that you want to program, using a leading zero for numbers between 1 and 9 (for example, **01**, **02**, and so on) and then press . The following display appears:

```
UO:1 Follows:
0)Nothing
```

4. You can now program the selected Utility Output. Use the information shown below.

   After you define the events that the output will follow press and proceed with the displayed menus to define partitions (only for output that follows a partition) and pattern of operation, page 4-39)

## Outputs: Define

| Quick Keys | Parameter |
|---|---|
| 3 1 UO 0 | **Follow Nothing** |
| | The Nothing option enables you to disable the selected utility output |
| 3 1 UO 1 | **Follow System** |
| | The System menu contains Utility Output parameters that follow the System Event |
| 3 1 UO 1 01 | **Bell Follow** |
| | Activates when a bell is triggered.<br>If a bell delay was defined, the Utility Output will be activated after the delay period. (Refer to *Bell Delay*, page 4-3.) |
| 3 1 UO 1 02 | **No Telephone Line** |
| | Activates when a telephone line fault is detected. If a Phone Line Cut Delay time period is defined, the Utility Output will be activated after the delay time. (Refer to *Phone Line Cut Delay Time*, page 4-3.)<br>Deactivates after the telephone line fault has been corrected. |
| 3 1 UO 1 03 | **Communication Failure** |
| | Activates when communication with the Central Station cannot be established.<br>Deactivates after a successful call is established with the Central Station. |
| 3 1 UO 1 04 | **Trouble Follow** |
| | Activates when a system trouble condition is detected.<br>Deactivates after the trouble has been corrected. |
| 3 1 UO 1 05 | **Low Battery Follow** |
| | Activates when the WisDom battery has insufficient reserve capacity and the voltage decreases to 7V. |
| 3 1 UO 1 06 | **AC Loss Follow** |
| | Activates when the source of the Main Panel's AC power is interrupted. This activation will follow the delay time defined in the system control times and the **AC Off Delay Time** parameter (refer to page 4-3). |
| 3 1 UO 1 07 | **Bell Burglary** |
| | Activates the Utility Output after any bell burglary alarm in any partition in the system. |
| 3 1 UO 1 08 | **Scheduler** |
| | The Utility Output will follow the predefined time programming that is defined in the scheduler of the weekly programs for Utility Output activation. For additional details, refer to the *WisDom User's Manual*. |
| 3 1 UO 1 09 | **Chime Follow** |
| | Activates the Utility Output following a chime sound. |

## Outputs: Define

| Quick Keys | Parameter |
|---|---|
| 3 1 UO 2 | **Follow Partition** |
| | The Partition menu contains Utility Output parameters that follow the Partition Event. The Utility Output can follow any partition(s) combination |
| 3 1 UO 2 01 | **Ready Follow** |
| | Activates the Utility Output when all the selected partition(s) are in the READY state. |
| 3 1 UO 2 02 | **Alarm Follow** |
| | Activates the Utility Output when an alarm occurs in the selected partition(s). |
| 3 1 UO 2 03 | **Arm Follow** |
| | Activates the Utility Output when the selected partition(s) is armed in either the AWAY or STAY mode. The Utility Output will be activated immediately, regardless of the Exit Delay time period. |
| 3 1 UO 2 04 | **Burglary Follow** |
| | Activates the Utility Output when a BURGLARY (intrusion) alarm occurs in the selected partition(s). |
| 3 1 UO 2 05 | **Fire Follow** |
| | Activates the Utility Output when a FIRE alarm is triggered in the selected partition(s) or when alarm keys **(FIRE)** are pressed simultaneously. |
| 3 1 UO 2 06 | **Panic Follow** |
| | Activates the Utility Output when a PANIC alarm is triggered in the selected partition(s) or when alarm keys **(PANIC)** are pressed simultaneously. |
| 3 1 UO 2 07 | **Special Emergency Follow** |
| | Activates the Utility Output when an AUXILIARY EMERGENCY alarm is triggered in the selected partition(s) or when alarm keys are pressed simultaneously. |
| 3 1 UO 2 08 | **Duress Follow** |
| | Activates the Utility Output when a DURESS alarm is initiated at the keypad related to the selected partition(s).<br>To deactivate this Utility Output in a latch pattern, refer to the User menu option **Duress Reset** (**[2][6]**) (described in the *WisDom User's Manual*). |
| 3 1 UO 2 09 | **Buzzer Follow** |
| | Activates the Utility Output when a keypad in the selected partition(s) sounds its BUZZER during Auto Arming, Exit/Entry Delays, and alarm conditions. |
| 3 1 UO 2 10 | **Exit/Entry Follow** |
| | Activates the Utility Output when the selected partition(s) initiates an Exit/Entry Delay period. |

## Outputs: Define

| Quick Keys | Parameter |
|---|---|
| 3 1 UO 2 11 | **Fire Trouble Follow** |
| | Activates the Utility Output when a FIRE TROUBLE is detected in the selected partition(s). |
| 3 1 UO 2 12 | **Day (Zone) Trouble** |
| | Activates the Utility Output when a DAY ZONE TROUBLE is detected in the selected partition(s). |
| 3 1 UO 2 13 | **General Trouble Follow** |
| | Activates the Utility Output when a TROUBLE condition is detected in the selected partition. |
| 3 1 UO 2 14 | **Stay Follow** |
| | Activates the Utility Output when the selected partition(s) is armed in STAY mode. |
| 3 1 UO 2 15 | **Tamper Follow** |
| | Activates the Utility Output when a Tamper occurs in the selected partition(s) and follows any type of tamper. |
| 3 1 UO 2 16 | **Disarm Follow** |
| | Activates the Utility Output when the selected partition(s) is disarmed. |
| 3 1 UO 2 17 | **Bell Follow** |
| | Activates the Utility Output when one of the defined partitions is in ALARM mode and the bell is triggered. This enables the connection of different sirens to different partitions. |
| 3 1 UO 2 18 | **Bell Stay Off** |
| | This parameter causes the Utility Output to function as follows:<br>✦ In AWAY ARMING mode, the Utility Output will follow the bell activation in the defined partitions.<br>✦ In STAY ARMING mode, the Utility Output will not be activated.<br>**NOTE:**<br>If an alarm occurs in a zone that shares more than one partition and one of the partitions is in ARM mode (while the other is in STAY mode), the Utility Output will be activated, as described above.<br>In STAY mode, a 24-hour zone will not activate this Utility Output |
| 3 1 UO 2 19 | **Zone Bypass** |
| | Activates the Utility Output when the relevant partitions are in ARM or STAY mode and any zone in the relevant partitions is bypassed. |
| 3 1 UO 2 20 | **Auto Arm Alarm** |
| | Activates the utility output when there is a not ready zone at the end of the pre-warning time during an auto-arm process and the IMQ bit is defined as **YES** (see page 4-9). The output restore shall be on Bell-Timeout or at user Disarm. |

| Quick Keys | Parameter |
|---|---|
| 3 1 UO 2 21 | **Zone Loss Alarm** |
| | Activates the utility output when there is a lost wireless zone in the system and the IMQ bit is defined as **YES** (see page 4-9). The output restore shall be on Bell-Timeout or at user Disarm. |
| 3 1 UO 3 | **Follow Zone** |
| | The Zone menu contains Utility Output parameters that follow the Zone Event. Each Utility Output can be activated by a group of up to five zones |
| 3 1 UO 3 1 | **Zone Follow** |
| | Activates the Utility Output when the selected zone is tripped.<br>The tripped zone need not be armed to trigger the Utility Output. |
| 3 1 UO 3 2 | **Alarm Follow** |
| | Activates the Utility Output when the selected zone causes an alarm. |
| 3 1 UO 3 3 | **Arm Follow** |
| | Activates the Utility Output when the selected zone is armed by the system. |
| 3 1 UO 3 4 | **Disarm Follow** |
| | Activates the Utility Output when the selected zones are disarmed. |
| 3 1 UO 4 | **Follow User Code** |
| | Defines the User Code(s) for triggering the selected UO.<br>The activation of the UO is performed from the user Functions menu Activities/Operate Output, quick key [2][1].<br>Remember that in order to activate the output by a code, this code should be defined as UO authority level, in Code Menu parameters.<br>Use the or keys to select from any of the 32 available User Codes.<br>Use the key to toggle between **[Y] YES** or **[N] NO** for each user chosen to trip the designated Utility Output<br>**NOTE:**<br>The Utility Output will be activated by entering a User Code,**only** if the **Quick UO** parameter under System Control is defined as **Disabled**. When the **Quick UO** is defined as **Enabled**, no User Code is required. |

## Output Pattern of operation

For each output you need to define the pattern of operation. Use the following table to select your option:

**Utility Output: Pattern of Operation**

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 1 | **Pulse N/C** | 05 seconds | 01-90 seconds |

The Utility Output is always Activated (N/C) before it is triggered (pulled down to negative). When triggered, it deactivates for the Pulse Duration specified below and then reactivates automatically.

1. Press **[1]** and then press .
2. Choose the desired Pulse Duration, between 01-90 seconds.
3. Press and set the activation by choosing **ALL** or **ANY**. (Only for utility output that follows Zone or Partition event)
4. Press and select a label for the UO.

| Quick Keys | Parameter |
|---|---|
| 2 | **Latch N/C** |

The Utility Output is always Activated (N/C) before it is triggered (pulled down to negative).

When triggered, it deactivates and remains deactivated (latched) until the operation is restored.

1. Press **[2]** and then press .
2. Press to set the activation by choosing **ALL** or **ANY**. (Only for utility output that follows Zone or Partition event)
3. Press and set the deactivation by choosing **ALL** or **ANY**. ( Only for utility output that follows Zone or Partition event)
4. Press and choose a label.

**Utility Output: Pattern of Operation**

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 3 | **Pulse N/O** | 05 seconds | 01-90 seconds |

The Utility Output is always Deactivated (N/O) before it is triggered (pulled up).

When triggered, it activates (pulled down) for the Pulse Duration specified below, then deactivates automatically.

1. Press **[3]** and then press #.
2. Choose the desired Pulse Duration, between 01-90 seconds
3. Press # and set the activation by choosing **ALL** or **ANY**. (Only for utility output that follows Zone or Partition event).
4. Press # and select a label for the UO.

| Quick Keys | Parameter |
|---|---|
| 4 | **Latch N/O** |

The Utility Output is always Deactivated (N/O) before it is triggered (pulled up).

When triggered, it activates (pulled down) and remains activated (latched) until the operation is restored.

1. Press **[4]** and then press #.
2. Press # to set the activation by choosing **ALL** or **ANY**. (Only for utility output that follows Zone or Partition event)
3. Press # and set the deactivation by choosing **ALL** or **ANY**. (Only for utility output that follows Zone or Partition event)
4. Press # and choose a label.

## Activation/Deactivation

When the Utility Output is following more than one Partition or Zone, the Installer can choose the logic of the Utility Output activation or deactivation, as follows:

- If the Pattern of Operation is defined as **Latch N/O** or **Latch N/C**, the Installer can choose the **activation and deactivation** logic of the UO to follow either after **all** the Partitions/Zones or after **any** of the Partitions/Zones.
- If the Pattern of Operation is defined as **Pulse N/O** or **Pulse N/C**, the Installer can choose **only** the **activation** logic of the Utility Output to follow either after **all** the Partitions/Zones or after **any** of the Partitions/Zones. The deactivation operation follows the defined time period.

## Output Label

The final step of defining an output is defining a label. You can create and/or edit a 10-character label description for each Utility Output. Refer to *Entering a New Label Using the LCD Keypad*, page 4-13, for additional details

## 3 2 Outputs: Output A

The Outputs: Output A menu defines which output will be activated, by the user, when using the key functions key #↑ **[4]** from the WisDom keys.

➢ **To access the Output A menu:**

1. Access the Outputs menu.
2. From the outputs menu press **[2]** to access the Output A menu.
3. Enter a two-digit number of the Utility Output that you want to be assigned as output A and press #↑.

## 3 3 Outputs: Output B

The Outputs: Output B menu defines which output will be activated, by the user, when using the key functions key #↑ [6] from the WisDom keys.

➢ **To access the Output B menu:**

1. Access the Outputs menu.
2. From the outputs menu press **[3]** to access the Output B menu.
3. Enter a two-digit number of the Utility Output that you want to be assigned as output B and press #↑.

# 4 Code Maintenance

The Code Maintenance menu provides access to submenus and their related parameters that enable you to maintain the User Codes in the system.

In addition, the WisDom contains the following special codes:

- **Grand Master Code:** Used by the system's owner.
- **Installer Code:** Used by the WisDom installation company technician to program the system. The default Installer Code is **: [0][1][3][3]**
- **Sub-Installer Code:** Used by a technician sent by the WisDom installation company to carry out restricted tasks defined at the time of system installation by the installation technician. The Sub-Installer can access with his code only those programming menus predefined for his access.

This section describes how to perform the following:

- Determine the Authority Level of each User Code
- Assign partition(s) to a specific code
- Change the Grand Master, Installer, and Sub-Installer Codes
- Upgrade the security level to a 6-digit code

After you access the Code Maintenance menu from the main Installer Programming menu, as described in this section, you can access the following submenus:


4 1 **Authority**, page 4-43

4 2 **Partition**, page 4-44

4 3 **Grand Master**, page 4-45

4 4 **Installer**, page 4-45

4 5 **Sub-Installer**, page 4-46

4 6 **Code Length**, page 4-47


### ➢ To access the Codes menu:

- From the main Installer Programming menu, press **[4]**, or press the or keys until you find the number **[4] Codes** option and then press . The first submenu (Authority) appears:

```
Codes:
1)Authority
```

You are now in the Codes menu and can access the required submenus, as described in the following sections.

# [4] [1] Code Maintenance: Authority

**Default:** User

The Authority menu enables you assign the Authority Level of each User Code. There are seven Authority Levels to match the needs of various users, as described in *Authority Levels*, below.

➢ **To access the Authority menu:**

1. Access the Codes menu, as described on page 4-40.
2. From the Codes menu, press **[1]** to access the Authority menu. The following display appears:

```
Select user:
01)User 01
```

3. Use the or keys to choose a user and press or press the 2 digits of the user (from 01 to 31) .
4. Use the key to toggle between the Authority Levels.
5. Press to confirm and move to the next code.
6. Press the key to return to the previous level.

## Authority Levels

The Authority menu contains options for the following Authority Levels:

- **Grand Master:** There can be only one Grand Master in the system, and the Grand Master can perform all the available user functions.

  The Grand Master code is designated as Code **00**.

**NOTE:**

The Installer can define that the Grand Master has the ability to change the authority level and allowed partitions for users. Refer to *Grand Master Authority/Partition* (Quick Keys **[1] [2] [27]**), page 4-9.)

- **Manager:** There can be only one Manager Code in the system. The Manager Code is designated only as Code **01**. The Manager can change all User Codes except that of the Grand Master. The Manager has access to all of the function listed above, apart from the following:
  - Changing the Grand Master Code
  - Performing Walk Testing
- **Master:** There are no restrictions in the number of Master Codes (as long as they do not exceed the number of codes remaining in the system). The Master has access to all the Manager's privileges, with the following restrictions:
  - Restricted to assigning and changing User Codes belonging to those with Authority Levels of Master and below (User, Arm Only, and Maid)
  - Restricted access to designated partitions
- **User:** There are no restrictions in the number of User Codes (as long as they do not exceed the number of codes remaining in the system). The User has access to the following:
  - Arming and disarming
  - Bypassing zones
  - Accessing designated partitions
  - Viewing system status, trouble, and alarm memory
  - Activating designated Utility Outputs

- ❖ Changing his/her own User Code
- ❖ Controlling uploading/downloading activities
- ❖ Administering selected system tests, except Walk Testing

✦ **Arm Only:** There are no restrictions in the number of Arm Only Codes (as long as they don't exceed the number of codes remaining in the system). Arm Only Codes are useful for workers who arrive when the premises are already open, but because they are last to leave, they're given the responsibility to close the premises and arm the system. The users with Arm Only Codes have access for arming one or more partitions.

✦ **Maid:** The Maid Code is a temporary code, which is to be immediately deleted from the system as soon as it is used to arm. This code is typically used for maids, home attendants, and repairmen who must enter the premises before the owner(s) arrive. These codes are used as follows:

- ❖ For one-time arming in one or more partitions
- ❖ If first used to disarm the system, the Maid Code may be used once for subsequent arming

✦ **UO Only:** Typically used to enable the operation of a device controlled by a Utility Output (meaning a door and so on). These codes are used only to operate a Utility Output.

✦ **User Unbypass:** This user has access to all the User's privileges apart from bypassing zones.

## 4 2 Code Maintenance: Partition

**Default:** Partition 1

The Partition menu enables you to assign the partition(s) in which all User Codes (except for the Grand Master) will operate.

### ➢ To access the Partition menu:

1. Access the Codes menu, as described on page 4-40.
2. From the Codes menu, press **[2]** to access the Partition menu.
3. Enter the appropriate two-digit User Code and press #. The following display appears:

```
P=123          C=01
  Y..
```

4. Use the ← or → keys to position the cursor under the digit the represents the partition you want to assign the code to.
5. Designate the partition(s) for which the designated user can have access by using the **[1 to 3]** keys.

**NOTE:**
The "non-partitioned" system is assumed to be using Partition 1.

6. Press # to access another User Code.
7. Repeat steps 2 to 6, as required, until all User Codes used in the system are assigned to the appropriate partition(s).
8. When you have completed the process, press the * key to return to the previous level.

## 4 3 Code Maintenance: Grand Master

**Default:** 1234

The Grand Master menu enables the owner to set the Grand Master Code.

**NOTE:**
The Grand Master code can also be changed in the User menu (by the Grand Master).

The Grand Master is the highest Authority Level. Refer to *Authority Levels*, page 4-43, for additional details about other authority levels.

### ➢ To access the Grand Master menu:

1. Access the Codes menu, as described on page 4-40.
2. From the Codes menu, press **[3]** to access the Grand Master menu. The following display appears:

```
Grand Master
****
```

3. Enter a Grand Master Code using the keypad's **[0 to 9]** keys and then press #.
4. Press the * key to return to the previous level.

**NOTE:**
The Grand Master, the Installer and the Sub-Installer can enter and change other level codes, but they cannot see the code. The message [****] is displayed instead of the code.

## 4 4 Code Maintenance: Installer

**Default:** 0133

The Installer Code provides access to the Installer Programming menu, allowing modification of all system parameters. The default Installer Code is:**[0][1][3][3]**

Rokonet recommends changing the factory default to a new code unique to the Main Panel and/or to the alarm company personnel, as described in the procedure below.

### ➢ To change the installer code:

1. Access the Codes menu, as described on page 4-40.
2. From the Codes menu, press **[4]** to access the Installer Code menu. The following display appears:

```
Installer
Code:0133
```

3. Enter the new code, using the keypad's **[0 to 9]** keys and press #.
4. Confirm your selection by re-entering the same code and pressing #.
5. Press the * key to return to the previous level.

# 4 5 Code Maintenance: Sub-Installer

**Default:** 0233

The Sub-Installer Code allows limited access to selected parameters from the Installer Programming menu. The default Sub-Installer Code is: **[0][2][3][3]**

We recommend changing the factory default to a code unique to the Main Panel and/or to those who may serve as sub-installers in your alarm company, as described in the following procedure. The limitations of the Sub Installer are as follows (The display of the LCD screen will be “Disabled” for each restricted option):

- ✦ System menu: He cannot define the Default Enable / Disable parameter.
- ✦ Code Maintenance menu: He cannot change the Installer code.
- ✦ Dialer Menu: He cannot change the MS telephone numbers, Account numbers, Communication format , Access and ID parameters, and Remote Split menus. In the Controls sub menu he cannot change the MS Enable and UD Enable parameters. In the Parameters sub menu he can define only the FM Retries , and windowing options.
- ✦ Report Codes : He cannot define any reported codes parameters.

### ➢ To access the Sub-Installer code menu:

1. Access the Codes menu, as described on page 4-40.
2. From the Codes menu, press **[5]** to access the Sub-Installer menu. The following display appears:

```
Sub-installer
Code:0233
```

3. Type in the new code using the keypad's **[0 to 9]** keys and press #▲.
4. Press the * key to return to the previous level.

## Using the Sub-Installer's Code

This section describes how to enable a sub-installer to have limited access to the Installer Programming menu options.

### ➢ To use the Sub-Installer's code:

1. From the normal **user's** display, enter the **Partial Programming** option by pressing * **[9] [2]**.
2. Enter the Sub-Installer's Code and press #▲. The Sub-Installer now has limited access to Installer programming parameters.

# [4] [6] Code Maintenance: Code Length

**Default:** 4 digits

The Code Length specifies the number of digits (either 4 or 6) for the Grand Master, Manager, and Master Codes. All the other codes (User, Arm Only and Maid) use from one digit up to a maximum of six digits.

### ➢ To access and program the Code Length menu parameters:

1. Access the Codes menu, as described on page 4-40.
2. From the Codes menu, press **[6]** to access the Code Length menu. The following display appears:

```
Length:
1) 4 digits
```

3. Select your choice using the keys and press to confirm. When you make a change in the Code Length, the following display appears:

```
Code should be
deleted. Sure?  N
```

4. Use the key to change the default **[N]** and press .

**NOTES:**

When you change the **Code Length** parameter, all User Codes are deleted and must be re-programmed or downloaded.

For a 6-digit Code Length system, 4-digit default codes like **1-2-3-4** (Grand Master), **0-1-3-3** (Installer), and **0-2-3-3** (Sub-Installer) become **1-2-3-4-0-0**, **0-1-3-3-0-0**, and **0-2-3-3-0-0**, respectively.

If you change the **Code Length** back to 4 digits, the system codes are restored to the default 4-digit codes.

# 5 Dialer

The Dialer menu provides access to submenus and their related parameters that enable WisDom to establish communication with the Central Station and transmit data.

After you access the Dialer menu from the main Installer Programming menu, as described in this section, you can access the following submenus:


5 1 **MS Telephone Numbers**, page 4-48

5 2 **MS Account Numbers**, page 4-50

5 3 **MS Communication Format**, page 4-50

5 4 **UD Telephone Number,** page 4-50

5 5 **UD Access and ID**, page 4-52

5 6 **Controls**, page 4-54

5 7 **Parameters**, page 4-57

5 8 **Report Split**, page 4-62

5 9 **Follow Me**, page 4-64


### ➢ To access the Dialer menu:

- From the main Installer Programming menu, press **[5]**, or press the or keys until you find the number **[5] Dialer** option and then press . The first submenu appears:

```
Dialer:
1) MS Tel. Num. ↓
```

You are now in the Dialer menu and can access the required submenus, as described in the following sections.

# 5 1 Dialer: MS Telephone Numbers

- The MS Telephone Numbers menu is used to store telephone numbers of the Monitoring (Central) Station(s) for the following :
- Send reports.
- The callback number used to call back the alarm company's computer when the Upload/Download callback function is in operation

### ➢ To access the Telephone Numbers menu:

1. Access the Dialer menu, as described on page 4-48.
2. From the Dialer menu, press **[1]** to access the MS Telephone Numbers menu options. The following display appears:

```
Phone number:
1) MS No. 1     ↓
```

3. Access and configure the parameters in the MS Telephone Number menu, as follows:

## Dialer: MS Telephone Numbers

| Quick Keys | Parameter | Range |
|---|---|---|
| 5 1 1 | **MS Tel No. 1** | Up to 32 alphanumeric characters |

The first Central Monitoring Station.

1. Press **[1]** and type in up to 32 digits. Include dialing prefixes and area code or special letters. When finished press #.
   If required, you can include the following special functions in the phone number to achieve the effect listed in the table. (Press the or keys to toggle to the required character.)

| Function | Sequence | Results |
|---|---|---|
| Stop dialing and wait for a new dial tone. | [∗] [1] | A |
| Wait a fixed period before continuing. | [∗] [2] | B |
| Switch from *Pulse* to *Tone* (or from *Tone* to *Pulse*). | [∗] [3] | C |
| Enter hyphen | [∗] [5] | - |
| Send the DTMF ∗ character. | [∗] [7] | ∗ |
| Enter space | [∗] [8] | |
| Send the DTMF # character. | [∗] [9] | # |
| Delete numbers from the cursor position. | [∗] [0] | Delete numbers |

**NOTE:**
To delete a number, place the cursor in the first position and press **[∗] [0]**.

2. When you have completed your entry, press # to store it.

**NOTE:**
When entering special letters, you must press and hold the * key and then press the required number at the same time without releasing the * key. To enter the next special letter, you must release the * key and then repeat the procedure for the next special letter

| | | |
|---|---|---|
| 5 1 2 | **MS Tel No. 2** | Up to 32 alphanumeric characters |

The second Central Monitoring Station.

Press **[2]** and type in up to 32 digits. Include dialing prefixes and area code or special letters. When finished press #.

| | | |
|---|---|---|
| 5 1 3 | **MS Tel No. 3** | Up to 32 alphanumeric characters |

The third Central Monitoring Station.

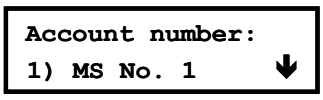
Press **[3]** and type in up to 32 digits. Include dialing prefixes and area code or special letters. When finished press #.

## 5 2 Dialer: MS Account Numbers

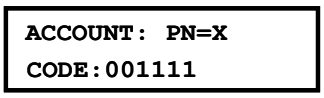
The Customer Account Numbers menu enables you to enter account numbers for each Central Station telephone number. These account numbers are the 6-digit Customer Account Numbers assigned by the Central Station.

To access the MS Account Numbers menu:

1. Access the Dialer menu, as described on page 4-48.
2. From the Dialer menu, press **[2]** to access the MS Account Numbers menu. The following display appears:




3. Select the monitoring station telephone number (up to three available numbers) and press #. The following display appears:




4. Define a different account number for each MS telephone number.
5. Use the ← or → keys and the numeric **[0 to 9]** keys to enter an account number and then press #.

**NOTES:**

The WisDom accepts hexadecimal account numbers. Use the key to enter the hexadecimal digits (A to F)

To send an account number with less than 6 digits use the "0" digit, for example: For account number 1234 enter 001234. In this case the WisDom will not send the "0" digit to the central station.

To send the "0" digit located at the left side of the number use the "A" digit instead of the "0" digit. For example, for account number 0407 enter A407, for 6 a digit account number 001207 enter AA1207.

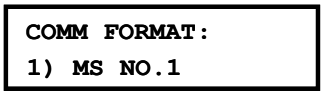
## 5 3 Dialer: MS Communication Format

The Communication Format menu contains parameters that define the communication protocol format used by the digital receiver in the monitoring station for each account.

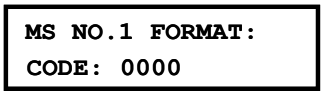
The corresponding format codes are listed in the right-hand column in the *Monitoring Station (MS) Communication Formats* table on page 4-51.

### ➢ To access the MS Communication Format menu:

1. Access the Dialer menu, as described on page 4-48.
2. From the Dialer menu, press **[3]** to access the MS Communication Format menu options. The following display appears:




3. Select the monitoring station telephone number (up to three available numbers) and press #. The following display appears:




4. Use the **[0 to 9]** keys to assign the format code (for example, **0420** ADEMCO Contact ID format.

5. Press [#] .
6. Press [#] again followed by the [*] key to return to the previous level.

**NOTE:**
For SIA and Contact ID formats, refer to *Dialer: Auto Codes*, page 4-66.

7. Access and configure the parameters in the Communication Format menu, as follows:

### Dialer: MS Communication Format

| Quick Keys | Parameter | Default |
|---|---|---|
| 5 3 1 | **Format for MS Tel No. 1** | 0000 |
| | Defines the protocol format for the first Central Station telephone number.<br>1. Type in the 4-digit Format Code that corresponds to the communication protocol for the Central Station Receiver connected to the first MS Telephone Number.<br>2. Toggle to access the **[0 to 9]** keys using the [←] or [→] keys.<br>3. Press [#] . | |
| 5 3 2 | **Format for MS Tel No. 2** | 0000 |
| | Defines the protocol format for the second Central Station telephone number.<br>Same as the option described above, except for the receiver connected to the second MS Telephone Number. | |
| 5 3 3 | **Format for MS Tel No. 3** | 0000 |
| | Defines the protocol format for the third Central Station telephone number.<br>Same as the option described above, except for the receiver connected to the third MS Telephone Number. | |

## Monitoring Station (MS) Communication Formats

| Protocols | Communication Formats | Format Code |
|---|---|---|
| **Most Common Protocols:** | | |
| ADEMCO Contact (Point) ID | DTMF, Parity | 0420 |
| SIA Level | | 0700 |
| **Simple Pulse Protocols:** | | |
| Silent Knight/ADEMCO Slow | | 010F |
| Silent Knight/ADEMCO Slow-Extended | | 014F |
| Radionics/DCI/Franklin Slow | | 0117 |
| Silent Knight Fast | | 010E |
| Silent Knight Fast-Extended | | 014E |
| Sescoa/Franklin/Vertex/DCI Fast | | 0116 |
| Sescoa/Franklin/Vertex/DCI-Extended | | 0156 |
| Universal High Speed Non-Extended | | 0112 |

| Protocols | Communication Formats | Format Code |
|---|---|---|
| **Radionics Protocols:** | | |
| Radionics, 20 PPS | handshake at 1400 Hz | 0202 |
| | handshake at 2300 Hz | 0212 |
| Radionics, 20 PPS-Extended | handshake at 1400 Hz | 0242 |
| | handshake at 2300 Hz | 0252 |
| Radionics, 40 PPS | handshake at 1400 Hz | 0200 |
| | handshake at 2300 Hz | 0210 |
| Radionics, 40 PPS-Extended | handshake at 1400 Hz | 0240 |
| | handshake at 2300 Hz | 0250 |
| Radionics, 40 PPS, with Parity | handshake at 1400 Hz | 0220 |
| | handshake at 2300 Hz | 0230 |
| Radionics, 40 PPS-Extended, with Parity | handshake at 1400 Hz | 0260 |
| | handshake at 2300 Hz | 0270 |
| **Other Protocols:** | | |
| Sescoa, Super Fast, with Parity | 4 + 3 + Parity | 0331 |
| Sescoa, Super Fast, with Parity + ETX | 4 + 3 + Parity | 03B1 |
| ADEMCO Express | 4 + 2+ Parity | 0520 |
| Sweden Robofon | | 0600 |

## 5 4 Dialer: U/D Telephone Number

The phone number to which the alarm company's computer, equipped with the Upload/Download software, is connected

### ➢ To access the U/D Telephone Number menu:

1. Access the Dialer menu, as described on page 4-48.
2. From the Dialer menu, press **[4] and** type in up to 32 digits. Include dialing prefixes and area code or special letters.
3. Press #↑.

## 5 5 Dialer: U/D Access and ID

The Access and ID menu enables you to set the access and ID Codes for remote communication between the technician and the WisDom using the Upload/Download software.

### ➢ To access the Access and ID menu:

1. Access the Dialer menu, as described on page 4-48.
2. From the Dialer menu, press **[5]** to access the Access and ID menu options. The following display appears:

```
U/D Access & ID:
1)Access code   ↓
```

3. Access and configure the parameters in the Access and ID menu, as follows:

## Dialer: Access and ID

| Quick Keys | Parameter | Default |
|---|---|---|
| 5 5 1 | **Access Code** | 5678 |

Enables you to define an Access Code that is stored in the WisDom.

Rokonet recommends using a different 4-digit Access Code for each installation.

In order to enable communication between the Alarm Company and the WisDom, the same Access Code must subsequently be entered into the corresponding account profile created for the installation in the Upload/Download software.

For successful communication, the Access Code along with the ID code (see below) must match between the Upload/Download software and the Main Panel.

1. Select a 4-digit Access Code. This code is stored in the WisDom.
2. Enter the code selected into the account profile created for this installation in the Upload/Download software.
3. Press **[1]** and enter the 4-digit code.
4. Press .

| Quick Keys | Parameter | Default |
|---|---|---|
| 5 5 2 | **Remote ID Code** | 0001 |

Defines an ID Code that serves as an extension of the Access Code, described in the procedure above.

In order to enable communication between the alarm company and the Installation, the same Remote ID code must be entered into the account profile in the Upload/Download software.

For successful communication, the ID Code along with the Access Code (see above) must match between the Upload/Download software and the Main Panel.

Dealers often use the customer's Central Station Account Number for the ID Code, but you can use any 4-digit code unique to the installation.

1. Enter the selected code into the account profile created for this installation in the Upload/Download software.
2. Press **[1]** and enter the 4-digit code.
3. Press .

**Dialer: Access and ID**

| Quick Keys | Parameter | Default |
|---|---|---|
| 5 5 3 | **MS Lock** | 000000 |

MS Lock is a security function used in conjunction with Rokonet's Upload/Download software. It provides greater proprietary security when viewing Central Station parameters.

The same 6-digit code, which will be stored in the panel, must be entered into the corresponding account profile created for the installation in the Upload/Download software.

If there is no match between the MS Lock Code defined in the Main Panel and the MS Lock Code defined in the Upload/Download software, the Installer will not have permission to change the following Central Station parameters from the Upload/Download software: Installer Code, MS phone numbers, the MS Lock Code, and the Default Enable jumper.

1. Press **[3]**.
2. Make a note of the 6-digit number for use in the Upload/Download software.

## 5 6 Dialer: Controls

The Controls menu contains parameters that enable you to control the WisDom dialer operation.

➢ **To access the Controls menu:**

1. Access the Dialer menu, as described on page 4-48.
2. From the Dialer menu, press **[6]** to access the Controls menu options. The following display appears:

```
DIALER control:
1)MS enable    Y
```

**NOTE:**
The menus in this option require **[Y] YES** or **[N] NO** input.

3. Access and configure the parameters in the Controls menu, shown in the table below, as follows:
   - ❖ Access each parameter by pressing the menu number keys or by using the or keys.
   - ❖ Press the key to toggle between **[Y] YES** and **[N] NO** and press (repeat for each parameter, as required).
   - ❖ Press the key to return to the Dialer menu.

## Dialer: Controls

| Quick Keys | Parameter | Default |
|---|---|---|
| 5 6 01 | **MS Enable** | YES |
| | **YES:** Enables communication with the Central Station to report alarms, trouble, and supervisory events.<br>**NO:** No communication with the Central Station is possible. Choose **NO** for installations that are NOT monitored by a Central Station. | |
| 5 6 02 | **FM Enable** | YES |
| | **YES:** Enables Follow-Me communication. (Refer to *Follow-Me*, page 4-64.)<br>If both the MS phones and the FM phones are defined, the system will first call the MS phones and then the FM phones.<br>**NO:** Disables Follow-Me communication. | |
| 5 6 03 | **U/D Enable** | YES |
| | **YES:** Enables communication between the alarm company and the WisDom using the Upload/Download software. This enables modifying an installation's configuration, obtaining status information, and issuing Main Panel commands, all from a remote location.<br>**NO:** Disables communication, as detailed above. | |
| 5 6 04 | **Call Delay** | NO |
| | **YES:** Event reports to the Central Station are delayed for 15 seconds after they are detected.<br>**NO:** Event reports are sent immediately. | |
| 5 6 05 | **Dial Tone** | YES |
| | **YES:** The WisDom waits a short (selectable) interval to detect a dial tone before dialing the Central Station. (Refer to *Dial Tone Time*, page 4-58.)<br>**NO:** The WisDom dials without waiting. | |
| 5 6 06 | **Call Save** | NO |
| | **YES:** For reducing Central Station traffic congestion, the system holds all non-urgent events (for example, test transmissions) for up to 12 hours (programmable) and sends them as a batch at a less busy time, for example, at night. (Refer to *Dialer: Periodic Test*, page 4-59.)<br>**NO:** All events are transmitted as they occur. | |
| 5 6 07 | **User Initiated Call** | YES |
| | **YES:** For a remote Upload/Download session to take place, the user must first enter specific keypad commands in the User Functions mode. Refer to the *WisDom User's Manual* (Quick Keys **[*][2][3][3]**) for additional details.<br>**NO:** Upload/Download operations are possible without requiring the user's participation. | |

## Dialer: Controls

| Quick Keys | Parameter | Default |
|---|---|---|
| 5 6 08 | **Call Back U/D** | YES |

**YES:** Requires the WisDom system to call back the pre-programmed telephone number to which the alarm company's Upload/Download computer is connected. (Refer to *Remote U/D Telephone No.*, page 4-52) This provides more security for U/D operations.

**NO:** The alarm company's computer calls the number set for Upload/Download. No callback is required.

| | | |
|---|---|---|
| 5 6 09 | **Auto Batch** | NO |

**YES:** The WisDom calls the alarm company's computer at a preset time. (Refer to *Dialer: Periodic Test*, page 4-59) The Upload/Download software downloads a batch of previously programmed installation data from the alarm company to the account.

**NOTE:**

For the **Auto Batch** parameter to work:

The computer must be turned on, connected to a phone line, and have the Upload/Download software loaded.

-AND-

The call must be initiated by the account.

**NO:** The Auto Batch mode is disabled.

| | | |
|---|---|---|
| 5 6 10 | **Answering Machine Override** | YES |

**YES:** The Answering Machine Override is enabled, as follows:

- ✦ The Upload/Download software at the alarm company calls the account.
- ✦ The software hangs up after one ring by the U/D operator.
- ✦ Within one minute, the software calls again.
- ✦ The WisDom is programmed to pick up this second call on the first ring, thus bypassing any interaction with the answering machine.

**NOTE:**

This feature is used to prevent interference from an answering machine with remote Upload/Download operations.

**NO:** The Answering Machine Override is disabled, and communication takes place in the standard manner.

| | | |
|---|---|---|
| 5 6 11 | **UL Installation** | NO |

**YES:** Disables features inappropriate for UL listed installations. This feature disables the use of Upload/Download and permits a status display only when remotely accessed.

**NO:** No features are disabled.

| | | |
|---|---|---|
| 5 6 12 | **Show Kissoff** | NO |

**YES:** All LEDs on the WisDom light for one second when the dialer receives the *kissoff* signal from the Central Station's receiver.

**NO:** The LEDS on the WisDom do not light upon receiving of the *kissoff* signal.

**Dialer: Controls**

| Quick Keys | Parameter | Default |
|---|---|---|
| 5 6 13 | **Show Handshake** | NO |
| | **YES:** All LEDs on the WisDom light up for one second when the dialer receives the *handshake* signal from the Central Station's receiver.<br>**NO:** Receipt of the *handshake* signal does not light up the LEDS | |
| 5 6 14 | **Audible Kissoff** | NO |
| | **YES:** There is an audible sound emitted from the WisDom when the dialer receives the *kissoff* signal from the Central Station's receiver.<br>**NO:** No audible sound on receipt of the *kissoff* signal. | |

## 5 7 Dialer: Parameters

The Parameters menu contains parameters that enable the system to control additional aspects of the WisDom dialer operation.

➢ **To access the Parameters menu:**

1. Access the Dialer menu, as described on page 4-48.
2. From the Dialer menu, press **[7]** to access the Parameters menu options. The following display appears:

```
Dial parameters:
1)MS retries      ↓
```

3. Access and configure the parameters in the Parameters menu, shown in the table below, as follows:
   - ❖ Access each parameter by pressing the menu number keys or by using the or keys.
   - ❖ Enter the relevant value or confirm the existing value by pressing .
   - ❖ Press the key to return to the Dialer menu.

**Dialer: Parameters**

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 5 7 1 | **MS Retries** | 08 | 01 to 15 |
| | The number of times the WisDom redials the Central Station after failing to establish communication. | | |
| 5 7 2 | **FM Retries** | 03 | 01 to 15 |
| | The number of times the Follow-Me phone number is redialed. | | |

## Dialer: Parameters

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 5 7 3 | **Rings to U/D** | 12 | 01 to 15 |
| | The number of rings before the WisDom answers an incoming call (for remote programming). | | |
| | **NOTE:** When the **Answering Machine Override** parameter is enabled (refer to page 4-56), this parameter is ignored. | | |
| 5 7 4 | **Dial Tone Time** | 6 seconds | 6 or 9 seconds |
| | The number of seconds the WisDom waits when the **Dial Tone** parameter is enabled (refer to page 4-55). | | |
| 5 7 4 1 | **Wait 6 Seconds** | | |
| | Select **[1]** and press #. | | |
| 5 7 4 2 | **Wait 9 Seconds** | | |
| | Select **[2]** and press #. | | |
| 5 7 5 | **Redial Wait** | 30 seconds | 30 or 60 seconds |
| | The number of seconds between attempts at redialing the same phone number.<br>Applies to both the **MS Retries** and **FM Retries** parameters, described above. | | |
| 5 7 5 1 | **Wait 30 Seconds** | | |
| | Select **[1]** and press #. | | |
| 5 7 5 2 | **Wait 60 Seconds** | | |
| | Select **[2]** and press #. | | |
| 5 7 6 | **Dialing Method** | DTMF | DTMF (Touch Tone ®), Pulse @ 20 BPS, and Pulse @ 10 BPS |
| | When selecting the dialing method, your choice must be compatible with the type of phone service available at the protected premises. | | |
| 5 7 6 1 | **DTMF (Touch Tone ®)** | | |
| | Select **[1]** and press # to activate the DTMF dialing method. | | |
| 5 7 6 2 | **Pulse @ 20 BPS (pulses per second)** | | |
| | Select **[2]** and press # to activate the Pulse @ 20 BPS dialing method. | | |
| 5 7 6 3 | **Pulse @ 10 BPS (pulses per second)** | | |
| | Select **[3]** and press # to activate the Pulse @ 10 BPS dialing method. | | |

## Dialer: Parameters

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 5 7 7 | **Pulse Duty Cycle** | 61/39% | 67/33% and 61/39% |
| | For pulse dialing, choose the proper dialing duty cycle for the location, as described below. | | |
| 5 7 7 1 | **67/33%** | | |
| | Select **[1]** and press #↑ for European telephone systems. | | |
| 5 7 7 2 | **61/39%** | | |
| | Select **[2]** and press #↑ for USA telephone systems. | | |
| 5 7 8 | **Swinger Limit (Swinger Shutdown)** | 00 | 00 to 15 |
| | A swinger is a repeated violation of the same zone, often resulting in a nuisance alarm and usually due to a malfunction, an environmental problem, or the incorrect installation of a detector or sensor.<br>This parameter specifies the number of violations of the same zone reported during a single armed period, before the zone is automatically bypassed. | | |
| | **NOTE:**<br>Enter **00** to disable the swinger shutdown. | | |
| 5 7 9 | **Periodic Test** | | |
| | The Periodic Test menu enables you to set the time period that the WisDom will automatically call the Monitoring Station or Upload/Download phone numbers in order to check the phone line connection. It also sends reports of non-urgent events, which reduces the number of calls made (only if the **Call Save** option is defined as **YES**). (Refer to *Call Save*, page 4-55, for additional details). | | |
| 5 7 9 1 | **MS Test** | HR:00<br>MIN:00 | 00-24 hours<br>00-59 minutes |

Sends Periodic Test reports to the Central Station Receiver monitoring the account and assigns a valid Report Code for these Periodic Test reports.

Set the test time and daily interval for Periodic Test Reporting, as follows:

1. Press **[1]**. The following display appears:

```
MS test:
Hr=00 Min=00 D:0
```

2. Type in the time of day (in 24-hour format) and the testing intervals for Periodic Test reports to be sent.
3. Use the table below to specify the testing intervals (D)-effective from the day of programming:

| D | Meaning |
|---|---|
| **0** | Never |
| **H** | Every hour |
| **M** | Every month |
| **1** | Every day |

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| | **2** Every other day | | |
| | **3** Every 3rd day | | |
| | **4** Every 4th day | | |
| | **5** Every 5th day | | |
| | **6** Every 6th day | | |
| | **7** Once a week | | |

Press the * key to return to the Dialer menu.

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 5 7 9 2 | **UD Test** | HR:00<br>MIN:00 | 00-24 hours<br>00-59 minutes |

Used to schedule periodic Auto Batch download using the Upload/Download software. This is the day, time of day (in 24-hour format) and time interval at which the customer's WisDom automatically calls the alarm company's computer to download the Batch (selected parameters).

Set the test time and daily interval, as follows:

1. Press **[2]**. The following display appears:

```
UD test:
Hr=00 Min=00 D:0
```

2. Type in the time of day (in 24-hour format) for an automatic download to occur.
3. From the table below, choose the downloading intervals (D)-effective from the day of programming:

| D | Meaning |
|---|---|
| **0** | Never |
| **H** | Every hour |
| **M** | Every month |
| **1** | Every day |
| **2** | Every other day |
| **3** | Every 3rd day |
| **4** | Every 4th day |
| **5** | Every 5th day |
| **6** | Every 6th day |
| **7** | Every 7th day |

4. Press the * key to return to the Dialer menu.

| Quick Keys | Parameter |
|---|---|
| 5 7 0 | **More** |

Enables to define more parameters of the WisDom dialer

## Dialer: Parameters

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 5 7 0 1 | **Alarm Restore** | | |
| | The Alarm Restore menu specifies under what conditions an Alarm Restoral is reported. This option informs the Central Station of a change in the specified condition(s) during an alarm restore. These reports need a valid Report Code. Refer to *Report Codes*, page 4-66, for additional details | | |
| 5 7 0 1 1 | **On BTO (Bell Time Out - Default)** | | |
| | Reports the restoral after the audible alarm times out. | | |
| 5 7 0 1 2 | **Follow Zone** | | |
| | Reports the restoral when the zone in which the alarm occurs returns to its non-violated (secured) state. | | |
| 5 7 0 1 3 | **At Disarm** | | |
| | Reports the restoral when the system (or the partition in which the alarm occurs) is disarmed, even if the sounder has already timed out. | | |
| 5 7 0 2 | **Windowing** | | |
| | The Windowing menu enables you to define a time window and its effective days for Reporting of Opening/Closing signals when the system is either disarmed or armed outside of the specified time window | | |
| 5 7 0 2 1 | **Window Start** | HR:00<br>MIN:00 | 00-24 hours<br>00-59 minutes |
| | Sets the window's START time (in 24-hour format). | | |
| 5 7 0 2 2 | **Window Stop** | HR:00<br>MIN:00 | 00-24 hours<br>00-59 minutes |
| | Sets the window's STOP time (in 24-hour format). | | |
| 5 7 0 2 3 | **Window Days** | All | Sunday (Y/N) through Saturday (Y/N) |
| | Sets the days of the week in which the window is activated.<br>Use the or keys to select the days of the week.<br>Use the key to toggle between **Y** and **N** to define if the window is active for the given day.<br>The window and the days chosen here also apply to the automatic arming and disarming of the system. (Refer to the *WisDom User's Manual* for additional details.) | | |

# 5 8 Dialer: MS Report Split

The MS Report Split menu contains parameters that enable the routing of specified events to up to three Central Station Receivers.

### ➢ To access the MS Report Split menu:

1. Access the Dialer menu, as described on page 4-48.
2. From the Dialer menu, press **[8]** to access the Report Split menu options. The following display appears:

```
MS report split:
1)Arm/Dis.event
```

3. Access and configure the parameters in the Report Split menu, shown in the table below, as follows:
   - ❖ Press **[1 to 3]** to enter a report category.
   - ❖ For each category, enter the number of the option you want to assign to the category or choose it by using the or keys and press .
   - ❖ Press the key to return to the Dialer menu.

**Dialer: Report Split**

| Quick Keys | Parameter | Default |
|---|---|---|
| 5 8 1 | **MS Arm/Disarm** | 1st Backup 2nd |
| | Reports Arming/Disarming (meaning Closings/Openings) events to the Central Station. | |
| 5 8 1 1 | **Do Not Call** | |
| | Does NOT report Openings and Closings. | |
| 5 8 1 2 | **Call 1st** | |
| | Reports Openings and Closings to the 1st Telephone number. | |
| 5 8 1 3 | **Call 2nd** | |
| | Reports Openings and Closings to the 2nd Telephone number. | |
| 5 8 1 4 | **Call 3rd** | |
| | Reports Openings and Closings to the 3rd Telephone number. | |
| 5 8 1 5 | **Call All** | |
| | Reports Openings and Closings to ALL telephone numbers. | |
| 5 8 1 6 | **1st Backup 2nd** | |
| | Reports Openings and Closings to the 1st Telephone number. If communication is not established, calls the 2nd Telephone Number. | |
| 5 8 2 | **MS Urgent** | 1st Backup 2nd |
| | Reports urgent (alarm) events to the Central Station. | |
| 5 8 2 1 | **Do Not Call** | |
| | Does NOT report urgent (alarm) events to the Central Station. | |

## Dialer: Report Split

| Quick Keys | Parameter | Default |
|---|---|---|
| 5 8 2 2 | **Call 1st** | |
| | Reports urgent (alarm) events to the 1st telephone number. | |
| 5 8 2 3 | **Call 2nd** | |
| | Reports urgent (alarm) events to the 2nd telephone number. | |
| 5 8 2 4 | **Call 3rd** | |
| | Reports urgent (alarm) events to the 3rd telephone number. | |
| 5 8 2 5 | **Call All** | |
| | Reports urgent (alarm) events to ALL telephone numbers. | |
| 5 8 2 6 | **1st Backup 2nd** | |
| | Reports urgent (alarm) events to the 1st telephone number. If communication is not established, calls the 2nd telephone number. | |
| 5 8 3 | **MS NON-Urgent** | 1st Backup 2nd |
| | Reports non-urgent events (supervisory and test reports) to the Central Station. | |
| 5 8 3 1 | **Do Not Call** | |
| | Does NOT report non-urgent events to the Central Station. | |
| 5 8 3 2 | **Call 1st** | |
| | Reports non-urgent events to the 1st telephone number. | |
| 5 8 3 3 | **Call 2nd** | |
| | Reports non-urgent events to the 2nd telephone number. | |
| 5 8 3 4 | **Call 3rd** | |
| | Reports non-urgent events to the 3rd telephone number. | |
| 5 8 3 5 | **Call All** | |
| | Reports non-urgent events to ALL telephone numbers. | |
| 5 8 3 6 | **1st Backup 2nd** | |
| | Reports non-urgent events to the 1st telephone number. If communication is not established, calls the 2nd telephone number. | |

# [5] [9] Dialer: Follow-Me

In addition to reporting to the Central Station, the WisDom has a Follow-Me feature, in which a standard phone call, reporting a system event, is made to a designated phone number.

This procedure is useful to alert a homeowner at work, or a business owner at home, of an alarm. There are two variations of the Follow-Me operation:

- **Standard Phone Call:** The Follow-Me call emits a series of tones or voice messages representing an active alarm (burglary or fire) The phone number(s) called are programmed from the User Functions mode (refer to *User Functions* in the *WisDom User's Manual).*
- **Phone Call to a Pager:** The Follow-Me call can be configured to a pager (numeric or alphanumeric) that displays a specific event (alarm or arm/disarm)(Refer to *Pager*, page 4-7.)

The Follow Me menu defines the events and restore events that will cause a Follow Me call to the phone number if they occur.

**NOTES:**

Follow-Me (**FM Enable**) must be enabled before any calls can be made. (Refer to *FM Enable*, page 4-55.).

It is the user's responsibility to program Follow-Me phone numbers (refer to the *User Functions* section in the *WisDom User's Manual*).

### To access the Follow me menu:

1. Access the Dialer menu, as described on page 4-48.
2. From the Dialer menu, press **[9]** to access the Follow Me menu options.
3. Use the keys to select the Follow Me number and press .

**Dialer: Follow-Me**

| Quick Keys | Parameter | Default |
|---|---|---|
| [5] [9] [1] | **Events** | |

Specifies which phone events will activate this Follow-Me number.

**NOTE:**

In a WisDom without voice capabilities, the Follow Me conveys a series of tones representing an active event.

1. Use the or keys to select the phone event from the list below, and then use the key to select **[Y] YES** or **[N] NO**.

| | | |
|---|---|---|
| **[01]** | Intruder | Y |
| **[02]** | Fire | Y |
| **[03]** | Emergency | Y |
| **[04]** | Panic | Y |
| **[05]** | Tamper | N |
| **[06]** | Remote Programming | N |
| **[07]** | AC Off | N |
| **[08]** | Duress | Y |
| **[09]** | Arm | N |

| Quick Keys | Parameter | | Default |
|---|---|---|---|
| | **[10]** | Disarm | N |
| | **[11]** | Bypass | N |
| | **[12]** | Wireless Lost | N (When no supervision signal from the wireless zones is received.) |
| | **[13]** | Wireless Low Batt | N (Transmitters battery) |
| | **[14]** | Bell Trouble | N |
| | **[15]** | False Code | N (When a wrong User Code is entered more than 3 times.) |
| | **[16]** | Low Battery | N (Backup battery) |
| | **[17]** | Wireless Jamming | N |
| | **[18]** | BUS Trouble | N |

2. After you have defined all the required phone events, press .

**5** **9** **2**

## Events Restore

Specifies which restore events will activate this Follow-Me number.

**NOTE:**
This option is disabled on a WisDom without voice capabilities.

1. Use the or keys to select the phone event from the list below, and then use the key to select **[Y] YES** or **[N] NO**.

| | | |
|---|---|---|
| **[01]** | Intruder | Y |
| **[02]** | Tamper | N |
| **[03]** | AC Off | N |
| **[04]** | Wireless Lost | N (When no supervision signal from the wireless zones is received.) |
| **[05]** | Wireless Low Battery | N |
| **[06]** | Bell Trouble | N |
| **[07]** | Low Battery | N |
| **[08]** | Wireless Jamming | N |
| **[09]** | Bus Trouble | N |

2. After you have defined all the required phone restore events, press .

# 6 Report Codes

The Report Codes menu enables you to program the codes transmitted by the WisDom to report events (for example, alarms, troubles, restores, supervisory tests, and so on) to the Central Station, as follows:

- ✦ The codes specified for each type of event transmission are a function of the Central Station's own policies. Before programming any codes, it is important to check the Central Station protocols.
- ✦ While most Communication Formats support the Report Codes detailed in the following pages, some do not (refer to page 4-50). Check with the Central Station monitoring your WisDom accounts to determine if the Communication Format being used requires such programming.

  For example, the ADEMCO Contact (Point) ID and SIA formats support their own Report Codes. If either of these formats is used, the programming steps in this section are not relevant and should be ignored.
- ✦ Using a double-zero (**00**) for any event will prevent a report from being generated.

After you access the Report Codes menu from the main Installer Programming menu, as described in this section, you can access the following submenus:

6 1 **Auto Codes**, page 4-66

6 2 **Manual Codes**, page 4-68

# 6 1 Report Codes: Auto Codes

The Auto Codes menu enables the resetting of all Central Station Report Codes to **00** without the need to restore factory defaults for the auto setting of the following Central Station formats:

- ✦ SIA
- ✦ ADEMCO Contact ID

### ➢ To access the Auto Codes menu:

1. Access the Report Codes menu, as described on page 4-48.
2. From the Dialer menu, press **[1]** to access the Auto Codes menu options. The following display appears:

   ```
   Auto codes:
   1)Contact ID    🡻
   ```

3. Access and configure the parameters in the Auto Codes menu, as follows:

## Report Codes: Auto Codes

| Quick Keys | Parameter |
|---|---|
| 6 1 1 | **Contact ID** |

The WisDom allocates Report Codes supporting ADEMCO Contact (Point) ID.

1. Press #▲ to select this option and deselect the **SIA** option (described below). The following display appears:

```
Point ID codes:
Auto allocate? N
```

2. Press 🔒 and #▲ to confirm your choice.
3. Press * to return to the previous programming level.

**NOTE:**

Any change in the system parameters requires you to reload the Auto Codes parameters in order to update the information that is being sent to the monitoring station.

| | |
|---|---|
| 6 1 2 | **SIA** |

The WisDom allocates Report Codes supporting the SIA (Security Industry Association) format.

1. Press #▲ to select this option and deselect the **Contact ID** option (described above). The following display appears:

```
   SIA codes:
Auto allocate? N
```

2. Press 🔒 and #▲ to confirm your choice.
3. Press * to return to the previous programming level.

**NOTE:**

Any change in the system parameters requires you to reload the Auto Codes parameters in order to update the information that is being sent to the monitoring station.

| | |
|---|---|
| 6 1 3 | **Delete All** |

The WisDom resets to **00** all previously programmed Central Station Report Codes.

This does not change any other programmed parameters.

1. Press #▲ to select this option. The following display appears:

```
 Clear all codes
Are you sure? N
```

2. Press 🔒 and #▲ to confirm your choice.
3. Press * to return to the previous programming level

**NOTE:**

Any change in the system parameters requires you to reload the Auto Codes parameters in order to update the information that is being sent to the monitoring station.

# 6 2 Report Codes: Manual Codes

The Manual Codes menu enables to assign a specified report code for each event. Enter the 2-digit zone number and the corresponding 2-digit Report Code, representing the event in this zone. If this event is not to be transmitted, use the **00** default


6 2 1 **Emergency Key**, page 4-68

6 2 2 **Zones**, page 4-69

6 2 3 **Troubles**, page 4-70

6 2 4 **Arm Codes**, page 4-72

6 2 5 **Disarm Codes**, page 4-73

6 2 6 **Wireless Codes**, page 4-73

6 2 7 **Miscellaneous Codes**, page 4-74

6 2 8 **Special Communication**, page 4-75


### ➢ To access the Report Codes menu:

1. Access the Report Codes menu, as described on page 4-48.
2. Press **[2]** to access the Manual Codes menu options. The first submenu appears:

You are now in the Manual report Codes menu and you can access the required submenus for programming the many events codes supported by the WisDom, as described in the following sections:

**Report Codes: Manual Codes**

| Quick Keys | Parameter | |
|---|---|---|
| 6 2 1 | **Emergency Key** | |
| | The Emergency Key menu enables you to define the codes transmitted to the Central Station when an alarm is sent (meaning Police, Fire, and Auxiliary Emergency) via a WiDom's emergency keys | |
| 6 2 1 1 | **Alarm** | |
| | Enter a 2-digit code for each of the following keypad-generated alarms.<br>Use the **00** default if the event should **not** be transmitted. | |
| 6 2 1 1 1 | **Auxiliary Emergency (Special)** | 00 |
| | To report an Auxiliary Emergency. | |
| 6 2 1 1 2 | **Panic** | 00 |
| | To report a Police Emergency. | |
| 6 2 1 1 3 | **Fire** | 00 |
| | To report a Fire Emergency. | |

## Report Codes: Manual Codes

| Quick Keys | Parameter | |
|---|---|---|
| 6 2 1 1 4 | **Duress** | 00 |
| | To report a Duress Emergency (refer also to the *WisDom's User's Manual*). | |
| 6 2 1 2 | **Restore** | |
| | Enter the 2-digit code used to report a restoral of the above keypad emergencies. | |
| 6 2 1 2 1 | **Auxiliary Emergency (Special)** | 00 |
| | To report the restoral of an Auxiliary Emergency. | |
| 6 2 1 2 2 | **Panic** | 00 |
| | To report the restoral of a Police Emergency. | |
| 6 2 1 2 3 | **Fire** | 00 |
| | To report the restoral of a Fire Emergency. | |
| 6 2 1 2 4 | **Duress** | 00 |
| | To report the restoral of a Duress Emergency. | |
| 6 2 2 | **Zones** | |
| | The Zones menu contains parameters of the Report Code generated when an alarm (or alarm restoral) occurs due to the violation of an armed zone | |
| 6 2 2 1 | **Alarm** | 00 |
| | To report an alarm in a designated zone. | |
| 6 2 2 2 | **Alarm Restore** | 00 |
| | To report an alarm restoral in the designated zone. | |
| 6 2 2 3 | **Trouble/Supervision** | 00 |
| | To report a Day Zone trouble for zone 33 during the disarmed period and/or a wireless zone trouble. | |
| 6 2 2 4 | **Trouble Restore/Supervision** | 00 |
| | To report a restoral after a Day Zone violation (see above). | |
| 6 2 2 5 | **Bypass** | 00 |
| | To report the selective bypassing (or force arming) of one or more zones. | |

## Report Codes: Manual Codes

| Quick Keys | Parameter | |
|---|---|---|
| 6 2 2 6 | **Tamper** | 00 |
| | To report a tamper for zone tamper alarm condition | |
| | **NOTE:** | |
| | If a zone with a tamper switch is bypassed, both the tamper switch and the Report Code are unaffected. | |
| 6 2 2 7 | **Tamper Restore** | 00 |
| | To report the restoral-to-normal of a tamper condition . | |
| 6 2 2 8 | **Low Battery Trouble** | 00 |
| | To report a low battery condition in a wireless transmitter. | |
| 6 2 2 9 | **Low Battery Trouble Restore** | 00 |
| | To report the correction of a low battery condition. | |
| 6 2 3 | **Troubles** | |
| | The Troubles menu contains codes that enable reporting the detection (and restoral) of troubles related to the system operation | |
| 6 2 3 1 | **Trouble Events** | |
| | Trouble Codes assigned to the WisDom. | |
| 6 2 3 1 1 | **Low Battery** | 00 |
| | Code to report the detection of a weak (or missing) standby battery. | |
| 6 2 3 1 2 | **Bell** | 00 |
| | Code to report a trouble condition with the management of an internal sounder wired to the Main Panel. | |
| 6 2 3 1 3 | **Phone** | 00 |
| | Code to report a trouble condition regarding telephone service management. | |
| 6 2 3 1 4 | **AC Loss** | 00 |
| | Code to report a trouble condition regarding the AC power supply to the WisDom. | |
| 6 2 3 1 5 | **AUX Fail** | 00 |
| | Code to report a trouble condition regarding the loss of Auxiliary Power (either continuous or switched) supplied by the WisDom. | |
| 6 2 3 1 6 | **Clock Not Set** | 00 |
| | Code to report a trouble condition caused by a Clock Not Set. | |
| 6 2 3 1 7 | **BUS Communication Fail** | 00 |
| | Code to report a trouble condition regarding a failure in the system BUS. | |

## Report Codes: Manual Codes

| Quick Keys | Parameter | |
|---|---|---|
| 6 2 3 1 8 | **False Code** | 00 |
| | Code to report the repeated use of an incorrect User Code to disarm the system. | |
| 6 2 3 1 9 | **Bell Tamper** | 00 |
| | Code to report a tamper alarm of an external bell connected to the Main Panel. | |
| 6 2 3 1 0 | **Box Tamper** | 00 |
| | Code to report a tamper alarm of the tamper switch connected to the box. | |
| 6 2 3 2 | **Trouble Restorals** | |
| | Trouble restoral codes assigned to the WisDom Main Panel. | |
| 6 2 3 2 1 | **Low Battery** | 00 |
| | Code to report the restoring to normal of a weak (or missing) standby battery. | |
| 6 2 3 2 2 | **Bell** | 00 |
| | Code to report restoring to normal of an internal sounder wired to the Main Panel. | |
| 6 2 3 2 3 | **Phone** | 00 |
| | Code to report the restoring to normal of the telephone service to the WisDom. | |
| 6 2 3 2 4 | **AC** | 00 |
| | Code to report the restoring to normal of the AC power supply to the WisDom. | |
| 6 2 3 2 5 | **AUX** | 00 |
| | Code to report the restoring to normal of Auxiliary Power (either continuous or switched) supplied by the WisDom. | |
| 6 2 3 2 6 | **Clock is Set** | 00 |
| | 2-digit code to report that the system's clock is now set. | |
| 6 2 3 2 7 | **BUS Comm** | 00 |
| | Code to report the restoring to normal of the system's 4-wire BUS. | |
| 6 2 3 2 8 | **False Code** | 00 |
| | Code to report the restoring of an incorrect User Code | |
| 6 2 3 2 9 | **Bell Tamper** | 00 |
| | Code to report the restore of a bell tamper. | |
| 6 2 3 2 0 | **Box Tamper** | 00 |
| | Code to report the restore of a box tamper. | |

## Report Codes: Manual Codes

| Quick Keys | Parameter | |
|---|---|---|
| 6 2 4 | **Arm** | |
| | The Arm Codes menu contains codes that enable the reporting of the Closing Signals generated when the system is ARMED (closed under a variety of conditions) | |
| 6 2 4 1 | **User Arm** | 00 |
| | 1. Enter the 2-digit Report Code representing the User.<br>2. Enter the 2-digit Report Code for system arming (closing) by the specific user. | |
| 6 2 4 2 | **Keyswitch Armed** | 00 |
| | Enter the 2-digit code for arming the system via a keyswitch. | |
| | **NOTE:** No user identification is possible. | |
| 6 2 4 3 | **Auto Armed** | 00 |
| | A Report Code used when the system is Auto Armed as a result of a previously scheduled user-determined event. | |
| | **NOTE:** No specific user identification is possible. Refer to the *WisDom User's Manual* for additional details. | |
| 6 2 4 4 | **Remote Armed** | 00 |
| | A Report Code used when the system is Remotely Armed as a result of actions performed by the alarm company using its Upload/Download software. | |
| 6 2 4 5 | **Quick Armed** | 00 |
| | The 2-digit Report Code used when the system is Quick Armed. | |
| | **NOTE:** No specific user identification is possible. Refer to the *WisDom User's Manual* for additional details. | |
| 6 2 4 6 | **Force Armed** | 00 |
| | A Report Code used when the system is Force Armed. | |
| 6 2 4 7 | **Key Fob** | 00 |
| | Enter the 2-digit Report Code transmitted when the system is armed with this specific device. | |

## Report Codes: Manual Codes

| Quick Keys | Parameter | |
|---|---|---|
| 6 2 5 | **Disarm** | |
| | The Disarm Codes menu contains codes that enable the reporting of the Opening Signals generated when the system is DISARMED (opened) in various conditions) | |
| 6 2 5 1 | **User Disarm** | 00 |
| | Report Code used for system disarming (opening) by a particular user. | |
| 6 2 5 2 | **Keyswitch Disarm** | 00 |
| | Code to report system disarm via a keyswitch | |
| | **NOTE:** | |
| | No user identification is possible. | |
| 6 2 5 3 | **Auto Disarm** | 00 |
| | Report Code used when the system is Auto Disarmed by a previously scheduled event. | |
| | **NOTE:** | |
| | No specific user identification is possible. Refer to the *WisDom User's Manual* for additional details. | |
| 6 2 5 4 | **Remote Disarmed** | 00 |
| | Report Code for Remote Disarming by the alarm company using its Upload/Download software. | |
| 6 2 5 5 | **Key Fob** | 00 |
| | Code to report disarming with this device | |
| 6 2 6 | **Wireless** | |
| | The Wireless Codes menu contains codes that enable reporting the detections of troubles relating to the operation of the receiver or the wireless devices | |
| 6 2 6 1 | **Receiver** | |
| | Press [1] to access each sub-category, as shown below. | |
| 6 2 6 1 1 | **Jamming Trouble** | |
| | 2-digit Report Code for the detection of jamming interference, according to the parameters defined in the system. | |
| 6 2 6 1 2 | **Jamming Trouble Restore** | |
| | 2 -digit Report Code for the restore to normal detection of interference | |
| 6 2 6 2 | **Keypads** | |
| | Press [2] to access each sub-category of the wireless keypads, as shown below | |
| 6 2 6 2 1 | **Keypad Tamper** | |
| | Tamper code for wireless keypad tamper condition | |

## Report Codes: Manual Codes

| Quick Keys | Parameter | |
|---|---|---|
| 6 2 6 2 2 | **Keypad Tamper Restore** | |
| | Code to restore to normal of a tamper condition | |
| 6 2 6 2 3 | **Battery Trouble** | |
| | Report code for low battery condition in a wireless keypad | |
| 6 2 6 2 4 | **Battery Trouble Restore** | |
| | Report code for correction of low battery condition | |
| 6 2 6 3 | **Key Fobs** | |
| | Press **[3]** to access each sub-category, as shown in the following options | |
| 6 2 6 3 1 | **Battery Trouble** | |
| | Report Code for low battery condition | |
| 6 2 6 3 2 | **Battery Trouble Restore** | |
| | Report code for correction of low battery condition | |
| 6 2 7 | **Miscellaneous** | |
| | The Miscellaneous menu contains codes that enable the reporting of miscellaneous events to the Central Station | |
| 6 2 7 1 | **Enter Programming** | 00 |
| | Report Code for entering the Installer Programming mode, either locally (via the WisDom's keys) or remotely (via the Upload/Download software). | |
| 6 2 7 2 | **Exit Programming** | 00 |
| | Report Code for termination of the Installer Programming mode, either locally (via the WisDom's keys) or remotely (via the Upload/Download software). | |
| 6 2 7 3 | **Periodic MS Test** | 00 |
| | Report Code used for periodic Central Station (MS) Test transmissions. (Refer to *Dialer: Periodic Test*, page 4-59, for additional details). | |
| 6 2 7 4 | **Periodic U/D Test** | 00 |
| | Report Code for the system's periodic Upload/Download (Auto Batch) transmissions. | |
| 6 2 7 5 | **Call Back Request** | 00 |
| | Report Code for automatic callback to the alarm company's Upload/Download software. | |
| 6 2 7 6 | **System Reset** | 00 |
| | Report Code for manual reset using the WisDom DEFAULT (J9) jumper. | |
| 6 2 7 7 | **Abort Alarm** | 00 |
| | Report Code used when the system sends an ABORT message to the Central Station. (Refer to *Abort Alarm*, page 4-6, for additional details.) | |

## Report Codes: Manual Codes

| Quick Keys | Parameter | |
|---|---|---|
| 6 2 7 8 | **Cancel Report** | 00 |
| | Report Code for a user-initiated cancellation of an alarm in progress. (Refer to the *WisDom User's Manual* for additional details.) | |
| 6 2 7 9 | **Auto Arm Fail** | 00 |
| | Report code for failing to perform automatic arming of the system. | |
| 6 2 7 0 | **More** | |
| | More … | |
| 6 2 7 0 1 | **Listen In** | 00 |
| | Report code that informs the receiver at the monitoring station that the WisDom will automatically switch to Listen-In mode at the end of events transmission. For more information refer to Monitoring Station: Two Way Communication, below).<br>**Note**: This option is disabled on a WisDom without voice capabilities. | |
| 6 2 7 0 2 | **Confirmed Alarm** | 00 |
| | Report code for confirmed alarm (Police code). For more information refer to page 4-32) | |
| 6 2 8 | **Special** | |

The Special Communication menu enables you to program the 3-digit Report Codes for Central Station Communication Formats requiring 3-digit Event Codes.

When entering the menu the following display appears:

```
Special codes:
Code=AA Send=000
```

1. Enter the 2-digit code to be modified. This number appears in the **CODE = AA** area of the display shown above.
2. Enter the 3-digit code to be actually sent. This number appears in the **SEND=000** area of the display shown above.
3. Press #.
4. Press the * key to return to the previous programming level

# Monitoring Station: Voice Alarm Verification

The WisDom enables the Monitoring Station to perform Voice Alarm Verification in order to verify a cause of event or to guide someone in distress.

**NOTE:**

The receiver at the Monitoring Station should support this feature and be configured to enable the operator the option to perform the Listen-In and Talk functions.

To open the voice alarm confirmation channel, an extra event report (following the report of an urgent alarm) is sent to the monitoring station. This event informs the receiver that the WisDom will automatically switch to Listen-In mode at the end of event transmission. The extra event report should be assigned manually (location [6][2][7][0][1]).
For Contact ID the WisDom code should be 84 (Contact ID: Event code 606). For SIA the Wisdom code should be 84 (SIA: Event code LF).

The Listen-In time period is defined as 2 minutes. After this period the WisDom hangs up the line. During the Listen-In time period, the operator can switch to ‘Talk” mode by pressing the ‘2’ key, and go back to ‘Listen-In” mode by pressing the ‘1’ key. Whenever the ‘*’ key is pressed, the panel hangs up the line.

# 7 Key-fobs

The Key Fobs menu contains parameters that enable WisDom to allocate up to 8 rolling code Wireless key-fobs transmitters.

The wireless key-fob transmitters (p/n RP128T4RC00A, RP296T4RC00A) are rolling code transmitters with the following options: Arm, Stay, Disarm, Panic, and UO activation.

After you access the Key-fobs menu from the main Installer Programming menu, as described in this section, you can access the following submenu:

7 1 **Allocation**, below

7 2 **Parameters**, page 4-78

7 3 **Communication Test**, page 4-79

➢ **To access the Key Fobs menu:**

✦ From the main Installer Programming menu, press **[7]** or press the or keys and then press . The following display appears:

```
Key-fobs:
1)Allocation
```

You are now in the Key-fobs menu and can access the submenu, as described in the section that follows.

## 7 1 Key-fobs: Allocation

This procedure is required when using a 4-key rolling code wireless transmitter.

➢ **To access the Key – Fobs Allocation menu:**

1. Access the Key - fobs menu.
2. From the Key - fobs menu, press **[1]** to access the Allocation menu options. The following display appears:

```
Key-fob alloc.:
Select=1    (1-8)
```

3. Select the Button Number you wish to assign to the system and press .
4. Select the appropriate option, as follows:
   - ❖ Press **[1]** to move to the next key-fob assignment.
   - ❖ Press **[2]** to write (or overwrite) data into the selected location and allocate the key-fob. Send a write signal (within 255 seconds) from the key-fob by pressing on the (ARM) key on the key-fob for at least 2 seconds. After each press the key-fob LED will blink. If the WisDom successfully recognizes the key-fob it will sound a confirmation beep.
   - ❖ Press [3] to erase the data in the selected location. Select [Y] or [N] using the key and press to confirm your selection
5. Repeat steps 2-4 to allocate an additional key-fob.

# 7 2 Key-fob: Parameters

The Key fob Parameters menu defines the operation of the key fobs keys. Some of the keys may be used for arming and disarming the system and for various other operations. This procedure is required when using the 4-key wireless transmitter (rolling code).

➢ **To access the Key – Fob Parameters menu:**

1. Access the Key - Fob menu, as described above.
2. From the Key - Fob menu, press **[2]** to access the Wireless Button Parameters menu options. The following display appears:

```
Key-fob params.:
Select=1    (1-8)
```

3. Select the Button Number you wish to assign to the system and press #

## Changing the Wireless Button Parameters

Each key-fob consists of 4 buttons, and each button can be programmed to a different mode of operation.

➢ **To change the key-fobs parameters:**

1. Assign the relevant partition for the selected key-fob using the numeric keys 1-3.

```
P=123        KF=1
  YYY
```

2. Press # and set the operation of each of the 4 buttons of the key-fob.
   Set the parameters for the Arm button #1 (🔒) (used to perform the Away/Stay arming operation) from the following options:
   - ❖ **None:** The button is disabled.
   - ❖ **Arm:** The button is used for AWAY (Full) arming the assigned partitions (default).
   - ❖ **Stay:** The button is used for STAY (Home) arming the assigned areas.
3. Define if the Away or Stay arming will be instant or delayed (following an exit delay)
4. Press #. The system moves to the next key, and the following display appears:

```
Key-fob:1  Butt:2
1)None          ↓
```

5. Set the parameters for the Disarm button #2 (🔓) (used to perform the Disarming operation) from the following options:
   - ❖ **None**: The button is disabled (default).
   - ❖ **Disarm:** The button is used for disarming its assigned partitions.
6. After selecting the required option, press #. The system moves to the next button, and the following display appears:

```
Key-fob:1  Butt:3
1)None          ↓
```

7. Set the parameters for the Panic Key #3 (used to perform a Panic or Utility Output operation) from the following options:
   - ❖ **None**: The button is disabled (default).
   - ❖ **Panic**: The button is used to send a panic alarm**.**
   - ❖ **UO**: The button is used to operate a Utility Output. When selecting this option, you must select a Utility Output. The following display appears:

```
Fob:1 Butt:3 UO:
01)Output 01      ⬇
```

8. After selecting the required option, press #. The system moves to the next button, and the following display appears:

```
Kef-fob:1  Butt:4
1)None            ⬇
```

9. Set the parameters for the button #4 (the small button), from the following options:
   - ❖ **None:** The button is disabled (default).
   - ❖ **Arm:** The button is used for Away arming the assigned partitions.
   - ❖ **Stay:** The button is used for Stay (Home) arming the assigned partitions.
   - ❖ **UO:** The button is used to operate a Utility Output. When selecting this option, you must select a Utility Output:

**NOTE:**

Away or STAY arming can be defined as instant or delayed (Exit Delay)

10. After selecting the required option, press #.
11. Repeat the procedure to program the other wireless key fobs.

## 7 3 Key-fob: Communication Test

The Key fob communication menu enables to perform a communication test between the key fob and the WisDom's receiver.

### ➢ To access the Key – Fob Communication Test menu:

1. Access the Key - Fob menu, as described above.
2. From the Key - Fob menu, press **[3]** to access the Communication Test menu options. The following display appears:

```
K-fob comm.test
1)Key-fob 1: --   ⬇
```

3. Select the key-fob you wish to perform the test on.
4. In order to proceed, initiate a transmission from the selected key-fob by pressing on any of the buttons.
   A confirmation beep along with an OK message indicates a successful communication test .
5. Repeat the procedure to test the other key fobs or press * to exit.

# 8 Keypads

The Keypads menu contains parameters that enable WisDom to allocate the data it receives from the wireless keypads. Up to 2 wireless keypad can be added to the system.

The wireless keypads are rolling code transmitters with the following options: Arm, Stay, Disarm, Panic, and UO activation:

After you access the Keypads menu from the main Installer Programming menu, as described in this section, you can access the following submenu:

8 1 **Allocation**, below

8 2 **Communication Test**, page 4-81

➢ **To access the Keypads menu:**

✦ From the main Installer Programming menu, press **[8]** or use the or keys and then press . The following display appears:

```
Keypads:
1)Allocation      ↓
```

You are now in the Keypads menu and can access the submenu, as described in the sections that follow.

## 8 1 Keypads: Allocation

This procedure is required to assign a wireless keypad to the WisDom.

➢ **To access the Keypads Allocation menu:**

1. Access the Keypads menu,.
2. From the Keypads menu, press **[1]** to access the Allocation menu options. The following display appears:

```
Keypad alloc.:
Select=1      (1-2)
```

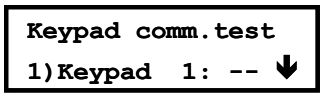
3. Select the keypad you wish to *learn-in* to the system.
4. Press . Three options are available, as follows:.
   - ❖ Press **[1]** to move to the next keypad assignment.
   - ❖ Press **[2]** to write (or overwrite) data into the selected location and allocate a Wireless Keypad. Send a write signal (within 255 seconds) from the keypad by pressing the ARM key twice on the keypad. After each press the wireless keypad will send a beep and its Power LED will blink. If the WisDom successfully recognizes the wireless keypad it will sound a confirmation beep .
   - ❖ Press **[3]** to erase the data in the selected location. Select **[Y]** or **[N]** using the key and press to confirm your selection.
5. Repeat steps 2-4 to allocate a second wireless keypad.

## 8 2 Keypads: Communication Test

The Keypads communication menu enables to perform a communication test between the wireless keypad and receiver.

➢ **To access the Keypads Communication Test menu:**

1. Access the Keypads menu, as described above.
2. From the Keypads menu, press **[2]** to access the Communication Test menu options. The following display appears:




3. Select the keypad you wish to perform the test on
4. In order to proceed, initiate a transmission from the selected keypad by pressing on any of the keypad keys. Allow a few seconds for the receiver to react.
   A confirmation beep along with an OK message indicates a successful communication test .
5. Repeat the procedure to test an additional keypad or press * to exit.

# 0 Exit Programming

The Exit Programming menu enables you to save any programming changes made during the current session.

**Important:** Any changes you make to the programmed parameters are not saved until you exit the Installer Programming Menu correctly.

**NOTE:**

To exit the installer programming mode place the default jumper (J9) on 1 PIN

### ➢ To access the Exit Programming menu:

**1.** From the main Installer Programming menu, press **[0]**, or press the or keys until you find the number **[0] Exit Program** option, shown below, and then press .

```
Programming:
0)Exit          ↑
```

This display is the last option in the main Installer Programming menu.
The following display appears:

```
DO YOU WANT TO:
SAVE THE DATA? Y
```

**2.** Select the appropriate option to save or discard your changes, as follows:

- ❖ Save your changes by pressing . The following display appears:

```
PLEASE WAIT
DATA SAVING..
```

When the data has been saved, the following display appears:

```
DATA IS SAVED
PLEASE WAIT..
```

The WisDom returns to the normal user display.
**-OR-**

- ❖ Discard your changes by using the key to change the **[Y] YES** to **[N] NO** on the display and then press . The following display appears:

```
   RELAOD ...
  PLEASE WAIT..
```

The WisDom returns to the normal user display.

# Chapter 5: Installer Programming Within the User Programming Menu

This chapter explains programming options that are located in the user's programming menu, but can be performed either by the user or installer.

- **Programming the voice messages,** below
- **Performing walk test, page 5-9**

## Programming the Voice Messages

This section describes how to customize the spoken messages that the WisDom announces when you access the system from a remote telephone, or heard locally on the premises.

In addition, this section describes how to verify the voice messaging and how to enable Announcement messages to be sounded locally.

Only the installer or a user with Grand Master authority level can program the voice messages.

After you access the Voice Messages menu from the main User programming menu you can access the following submenus:

7 1 **Message Structure,** below

7 2 **Voice Labeling,** page 5-3

7 3 **Test Message,** page 5-7

7 4 **Local Announcement Messages,** page 5-8

### ➢ To Access the Voice Messages menu:

1. From the User programming menu press **[7]**, or press the keys until you find the **[7]** Voice Message option and then press .

**NOTE:**
This option is disabled on a WisDom without voice capabilities.

2. Enter the installer code or the Grand master code and then press
3. The first submenu appears:

```
Voice Message:
1)Msg.structure ↓
```

4. You are now in the Voice Messages menu and can access the required submenus, as described in the following sections.

# Voice Messages Types

Three types of spoken messages are heard in the WisDom:

1. **Event announcement message:** Upon event occurrence, the WisDom initiates a call to a remote Follow Me (FM) number, informing the user of a security situation by playing a pre-recorded Event announcement message. The Event announcement message consists of the following 4 messages, each of which is defined individually:
   - **Common message:** User-defined identification of the premises, for example, the address and/or telephone number of the premises. This message is up to 10 seconds long. The default Common message is ***Hello, this is your Rokonet security system calling***
   - **Event message:** System-defined description of the security situation that has occurred, for example, ***Intruder alarm***.
   - **Partition message:** User-defined name for the partition in which the event occurred, for example, ***First floor***. The Partition message can be up to 2 seconds long, and is only announced when the Event announcement message concerns a partition
   - **Zone message:** User-defined name for the zone in which the event occurred, for example, ***Kitchen***. The Zone message can be up to 2 seconds long, and is only announced when the Event announcement message concerns a zone
2. **Status message:** Upon remote access of the system by initiating a call from a remote telephone or receiving a call from the system, the WisDom announces the current system status by playing a pre-recorded Status message.
3. **Announcement message:** Upon event occurrence, the WisDom can announce the security situation to occupants by sounding a local Announcement message.

# 7 1 Message Structure

Selecting a message structure enables you to specify the order in which messages are announced in the Event announcement message.

If the Police or Fire Department hears the Event announcement message, it is important that the Common message be announced first, as this identifies the premises.

If the owner of the premises hears the Event announcement message, the Common message can be announced last, as the owner already knows the identity of the premises. It is more important for the owner to hear the Event, Partition and Zone messages first, as they describe the event and pinpoint its location in the premises.

➢ **To select a message structure:**

1. Access the Voice message menu.
2. Select **[1] Message Structure.** The following display appears:

```
Msg. structure:
Type:A (C/E/P/Z)
```

3. Use the to select one of the following structure types
   - **[A] (C/E/P/Z):** Orders the messages as follows: **Common**, **Event**, **Partition**, **Zone**
   - **[B] (E/P/Z/C):** Orders the messages as follows: **Event**, **Partition**, **Zone**, **Common**.

# 7 2 Voice Message Labels

The Message Labels menu provides access to submenus that enable to Play, Record and Assign a pre-defined message for zones, partitions, utility outputs, macro keys and the common message.

➢ **To select a message structure:**

1. Access the Voice message menu.
2. Select **[2] Message Label.** The following display appears:

```
Message Label:
1)Common msg.
```

3. You can now program a voice message label for each of the following options:

   **[1]** Common Message

   **[2]** Zone Message

   **[3]** Partition Message

   **[4]** Utility Output Message

   **[5]** Macro Message

**Voice Message: Message Labels**

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 3 2 1 | **Common Message** | | |

1. Press [1]. The following display appears:

```
Common message:
1)Play
```

2. Press the required option as follows:

❖ Press **[1]** to Play the common message.

❖ Press **[2]** to record a new message. The following message appears:

```
Press # to start
Message record.
```

Press #▲ and speak your message into the microphone. The counter in the display counts down the seconds remaining until the recording will stop.

```
Press # to stop
Rec.     Time:10
```

Recording stops automatically after 10 seconds. If you finish your message in 9 seconds or less press the #▲ to stop recording.

**NOTE:**

Not pressing #▲ immediately after finishing recording your message might cause unwanted noises or a long silence in your message.

3. Press * to return to higher programming level.

## Voice Message: Message Labels

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 3 2 2 | **Zone Message** | | |

1. Press [2]. The following display appears:

```
Zone#:01    (01-33)
Zone 01          ⬇
```

2. Select the zone number and press #.
3. Press the required option as follows:

- Press **[1]** to play the zone message.
- Press **[2]** to record a zone message. The following message appears:

```
Press # to start
Message record.
```

Press # and speak your message into the microphone. The counter in the display counts down the seconds remaining until the recording will stop.

```
Press # to stop
rec.      Time:2
```

Recording stops automatically after 2 seconds. If you finish your message in less than 2 seconds press the # to stop recording.

- Press **[3]** to assign the zone with a pre-recorded message. Each zone is assigned with a default message label, as described in the following table. Using the ↵ ↵ keys select zone label and press #. You can verify your selection by playing the message using the [1] Play option. The list of available zones messages is as follows, listed in alphabetical order.

| Zone Label | Default Zone | Zone Label | Default Zone | Zone Label | Default Zone |
|---|---|---|---|---|---|
| 01) Attic | 22 | 16) Front door | 01 | 31) Passage | - |
| 02) Back door | 30 | 17) Game room | - | 32) Patio | - |
| 03) Basement | 23 | 18) Garage | 29 | 33) Perimeter area | 06 |
| 04) Bathroom | 17 | 19) Guest room | 16 | 34) Reception | 32 |
| 05) Bedroom 1 | 13 | 20) Hall | 18 | 35) Safe | 27 |
| 06) Bedroom 2 | 14 | 21) Hallway | - | 36) Second floor | 05 |
| 07) Bedroom 3 | - | 22) Kitchen | 07 | 37) Shop | 31 |
| 08) Child room | 09 | 23) Landing | 24 | 38) Stairs | 19 |
| 09) Dining room | 10 | 24) Library | - | 39) Store room | 33 |
| 10) Downstairs | 20 | 25) Living room | 08 | 40) Study | - |
| 11) Dressing room | - | 26) Lobby | 25 | 41) Third floor | |
| 12) Entrance | 02 | 27) Main floor | 03 | 42) TV room | 12 |
| 13) Family room | 11 | 28) Master bedroom | 15 | 43) Upstairs | 21 |
| 14) First floor | 04 | 29) Nursery | 26 | 44) Washroom | - |
| 15) Foyer | 28 | 30) Office | - | 45) Warehouse | - |

## Voice Message: Message Labels

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 3 2 3 | **Partition Message** | | |

1. Press [3]. The following display appears:

```
Choose Part.:
1)Partition 1   ↓
```

2. Select the partition number.
3. Press the required option as follows:

❖ Press **[1]** to play the partition message.

❖ Press **[2]** to record a partition message. The following message appears:

```
Press # to start
Message record.
```

Press #↑ and speak your message into the microphone. The counter in the display counts down the seconds remaining until the recording will stop.

```
Press # to stop
rec.      Time:2
```

Recording stops automatically after 2 seconds. If you finish your message in less than 2 seconds press the #↑ to stop recording.

❖ Press **[3]** to assign the partition with a pre-recorded message. Using the ← → keys select partition label and press #↑. You can verify your selection by playing the message using the [1] Play option. The table of options is the same as the one described in the Zone Labels section on page 5-4. The default partition messages are as follows:
**Partition 1: Main floor** (Label 27)
**Partition 2: Upstairs** (Label 43)
**Partition 3: Perimeter** area (Label 33)

| | | | |
|---|---|---|---|
| 3 2 4 | **Utility Output Message** | | |

Recording voice messages for Utility Outputs simplifies the process of remotely operating them by enabling the user to hear a meaningful name, such as ***Heating***, for each Utility Output.

This procedure involves:

❖ Selecting a Utility Output voice message.

❖ Assigning an appliance to that message.

❖ Recording a name for the selected appliance.

## Voice Message: Message Labels

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|

**NOTE:**

The utility output must be defined as **Follow Code** in order for you to assign them to voice messages, see page 4-37, *Follow User Code.*

### ➢ To record a UO message:

1. Press [4]. The following display appears:

```
UO message:
00)UO 1 message ↓
```

2. Each option in the **UO Message** menu represents a message for a utility output. Select the number representing the message to which you want to assign an appliance. The following message will appear:

```
Choose UO:
00)None         ↓
```

3. The options in the **Choose UO** menu represent the **Follow Code** utility outputs. Select the number representing the appropriate output for the message selected in step 3 -OR- select **00** for no output to be assigned to a message.

**3** **2** **5**

## Macro Message

1. Press [5]. The following display appears:

```
Choose macro:
Macro:A      (A-C)
```

2. Use the key to select your choice and press .
3. Press the required option as follows

❖ Press **[1]** to play the macro message.

❖ Press **[2]** to record a macro message. The following message appears:

```
Press # to start
Message record.
```

Press and speak your message into the microphone. The counter in the display counts down the seconds remaining until the recording will stop.

```
Press # to stop
rec.       Time:2
```

Recording stops automatically after 2 seconds. If you finish your message in less than 2 seconds press the to stop recording.

# 7 3 Test Message

The Test Message menu enables to verify the operation of the WisDom's voice capabilities locally or remotely (using a remote Follow-Me telephone number)

➢ **To perform messages testing:**

1. Access the Voice message menu.
2. Select **[3] Test Message.** The following display appears:

```
Test message:
1)Send message  ↓
```

3. Access and perform local or remote messages testing as follows:

**Voice Message: Test Message**

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 3 3 1 | **Send Message** | | |

The Send Message option is used to verify remote messaging by sending an event message to a selected Follow me number.

In order to perform this, a phone number must first be assigned to the relevant FM number by entering [✱][2][2][1][CODE][#], as described in the WisDom User's Manual, Chapter 6: Setting Follow Me Numbers.

➢ **To send a test message:**

1. Press [1]. The following display appears:

```
Choose FM:
1)FM number 1   ↓
```

2. Select the FM number to which you want the test message to be sent. The following display appears:

```
Voice FM test
activated.
```

The Wisdom calls the FM number and announces the following message ***"Test Message"*** .

| Quick Keys | Parameter | Default | Range |
|---|---|---|---|
| 3 3 2 | **Local Play** | | |

Local message is performed by playing the ***"Test message"*** by the WisDom's speaker. Use this option to test and adjust the volume of the WisDom.

➢ **To play a test message Locally:**

1. Press [2]. The announcement message ***"Test Message"*** is repeated continuously for 90 seconds and the following display appears:

```
Press any key
 to stop test
```

2. Press any key to stop the announcement.

# 7 4 Local Announcement Messages

Upon event occurrence, the WisDom can announce the security situation to occupants of the premises by sounding a local Announcement message. This Announcement message can be enabled or disabled, per event.

➢ **To Enable/Disable Announcement Message:**

1. Access the Voice message menu.
2. Select **[4] Announce msg..** The following display appears:

```
Announce msg:
01)Intruder
```

3. The Announce Message menu lists system events. Enable or disable each message announcement according to your customer request. The events list contains the following options:

| Event | Default | |
|---|---|---|
| 1) Intruder | Y | |
| 2) Fire | Y | |
| 3) Emergency | Y | |
| 4) Panic | Y | |
| 5) Auto Arm | Y | |
| 6) Arm Process | Y | |
| 7) Arm (Away) | Y | |
| 8) Stay (Home) | Y | |
| 9) Disarm | Y | |
| 10) Entry | Y | |
| 11) Menu | Y | (Refers to messages produced when using the keypad function keys) |
| 12) New Trouble | Y | |
| 13) Walk Test | Y | |

4. Use the key to select one of the following options:

✦ **[N]**: To disable the Announcement message for the selected event.

✦ **[Y]**: To enable the Announcement message for the selected event

# Walk Test

The walk test enables the installer or the Grand Master to easily test and evaluate the operation of each zone in the system.

**NOTE:**

The difference between performing a walk test with an installer code compared to using the Grand master code relates to a tamper condition. A tamper during a Grand Master Walk Test will cause an alarm in the system while, a tamper during an Installer Walk test will only cause a message display.

### ➢ To Perform a Walk Test

1. Make sure that the system is disarmed.
2. From the User Functions menu, select **[4] Maintenance**.
3. Enter code and press #.
4. Select **[2] Walk Test. "*System in Test Mode*"** announcement message is heard and the following display appears:

   ```
   Start Walk test.
   Done, Hit a key
   ```

   Walk throughout the protected area and make sure you test every zone in the system. During the Walk test, the WisDom will announce the zone number and zone label of any tripped zone, for example "***Zone 2, Entrance***".
5. When done press any key. A list with the tripped zones during the walk test will be displayed.
6. Press # to confirm and exit the Walk Test mode. ***"End of Test Mode"*** announcement message will be heard.

# Appendix A: Report Codes

This appendix provides descriptions of all the Report Codes sent to the Monitoring Station.

## Report Code Programming for SESCOA SUPERFAST (03B1)

| PROGRAMMED DIGITS | SESCOA CODE | EVENT REPORTING EVENT (RECOMMENDED) | ALPHA CODE |
|---|---|---|---|
| 3A | DBD | Identified Opening | IOP |
| 31 | DCD | Identified Closing | ICL |
| 32 | 9B9 | Opening (Not Identified) | OP |
| 33 | 9C9 | Closing (Not Identified) | CL |
| 34 | CDA | 24-Hour Report | 24H |
| 35 | BAB | AC Fail | AC |
| 36 | EAB | AC Restoral | EAC |
| 37 | AEA | Low Battery | LO |
| 38 | EEA | Low Bat. Rest | ELO |
| 39 | DFF | Bell Trouble | dBL |
| 4A | EFF | Bell Trouble Rest | EBL |
| 41 | DEE | Phone Trouble | dPL |
| 42 | EEE | Phone Trouble Rest | EPL |
| 43 | DDD | Duress | dU |
| 44 | EBA | Opening Out of Window | EOP |
| 45 | ECA | Closing Out of Window | ECL |
| 46 | CAC | Test | CH |
| 47 | Axx | Alarm | Axx |
| 48 | Dxx | Trouble | dxx |
| 49 | Exx | Restore | Exx |
| 5A | Fxx | Alarm + Rest | Fxx |

### New Codes

If a new code, not supported by the Main Panel is required, it can be added to the list using the 'SPECIAL' programming item (up to 30 additional codes).

# Report Code Programming for ADEMCO POINT (CONTACT) ID (0420)

| PROGRAMMED DIGITS | ADEMCO CODE | EVENT REPORTING EVENT (RECOMMENDED) |
|---|---|---|
| 3A | 100 | Medical Key |
| 31 | 110 | Fire Alarm |
| 32 | 111 | Smoke |
| 33 | 115 | Fire Key |
| 34 | 120 | Panic Key |
| 35 | 121 | Duress |
| 36 | 122 | Silent Alarm |
| 37 | 123 | Audible Alarm |
| 38 | 130 | Burglary |
| 39 | 131 | Perimeter |
| 4A | 132 | Interior |
| 41 | 133 | 24 Hour |
| 42 | 134 | Entry/Exit |
| 43 | 135 | Day/Night |
| 44 | 136 | Outdoor |
| 45 | 137 | Tamper |
| 46 | 140 | General Alarm |
| 47 | 144 | Sensor Tamper |
| 48 | 145 | Accessory Tamper |
| 49 | 150 | 24 Hour Non-Burg. |
| 5A | 155 | Foil Break |
| 51 | 156 | Day Trouble |
| 52 | 300 | Main Aux Trouble |
| 53 | 301 | Main AC Trouble |
| 54 | 302 | Main Battery Trouble |
| 55 | 305 | System Reset |
| 56 | 321 | Main Bell Trouble |
| 57 | 330 | Power Supply Trouble |
| 58 | 333 | BUS Communication Trouble |
| 59 | 351 | Main Phone Trouble |
| 6A | 373 | Fire Trouble |
| 61 | 380 | Sensor Trouble |

| PROGRAMMED DIGITS | ADEMCO CODE | EVENT REPORTING EVENT (RECOMMENDED) |
|---|---|---|
| 62 | 400 | Arm/Disarm Out Of Window |
| 63 | 401 | User Arm/Disarm (with User ID) |
| 64 | 402 | User Arm/Disarm (Group No. + User ID) |
| 65 | 403 | Auto Arm/Disarm |
| 66 | 407 | Remote Arm/Disarm |
| 67 | 408 | Quick Arm |
| 68 | 409 | Keyswitch Arm/Disarm |
| 69 | 411 | Callback Request |
| 7A | 421 | False Security Code |
| 71 | 570 | Zone Bypass |
| 72 | 574 | Forced Arm |
| 73 | 602 | Communication Test |
| 74 | 143 | Exp. Module Fail |
| 75 | 307 | Self-test Fail |
| 76 | 334 | Repeater Fail |
| 77 | 336 | Local Printer Fail |
| 78 | 355 | Loss of Radio Supervision |
| 79 | 381 | Loss of Supervision RF |
| 8A | 384 | Rx Transmitter Low Bat |
| 81 | 406 | Cancel |
| 84 | 606 | Listen-In to Follow |
| -- | 626 | Clock / date trouble |
| -- | 625 | Clock / date trouble restore |
| -- | 344 | Receiver jamming trouble / restore |
| -- | 627 | Program mode entry |
| -- | 628 | Program mode exit |

# Report Code Programming for SIA (0700)

| PROGRAMMED DIGITS | SIA EVENT CODE | EVENT |
|---|---|---|
| 1E | AR | AC Restoral |
| 1F | AT | AC Trouble |
| 20 | CJ | Dummy |
| 21 | BA | Burglary Alarm |
| 22 | BC | Burglary Cancelled |
| 23 | BH | Burglary Alarm Restore |
| 24 | BJ | Burglary Trouble Restore |
| 25 | BT | Burglary Trouble |
| 26 | BX | Burglary Test |
| 27 | CA | Automatic Closing ('+ Area Number') |

| PROGRAMMED DIGITS | SIA EVENT CODE | EVENT |
|---|---|---|
| 28 | CF | Forced Closing |
| 29 | CG | Close Area ('System has been partly armed') |
| 2A | CJ | Late Close |
| 2B | CK | Early Close |
| 2C | CL | Closing Report |
| 2D | CP | Automatic Closing ('+ User Number') |
| 2E | CS | Closing Keyswitch |
| 2F | CZ | Point Closing |
| 30 | FT | Dummy |
| 31 | DD | Access Denied – Unknown Code |
| 32 | DT | Access Trouble |
| 33 | ER | Expansion Device Restoral |
| 34 | ET | Expansion Device Trouble |
| 35 | FA | Fire Alarm |
| 36 | FB | Fire Bypass |
| 37 | FC | Fire Cancel |
| 38 | FH | Fire Alarm Restoral |
| 39 | FJ | Fire Trouble Restoral |
| 3A | FT | Fire Trouble |
| 3B | FU | Fire Unbypass |
| 3C | HA | Holdup Alarm ('Duress') |
| 3D | HH | Holdup Alarm ('Duress') Restoral |
| 3E | JA | User Code Tamper (False Code) |
| 3F | JL | Event Logger Threshold |
| 40 | MH | Dummy |
| 41 | JO | Event Logger Overflow |
| 42 | JT | Time Changed |
| 43 | LB | Local Programming |
| 44 | LD | Local Programming Denied |
| 45 | LR | Phone Line Restoral |
| 46 | LS | Local Program Success |
| 47 | LT | Phone Line Trouble |
| 48 | LX | Local Programming Ended |
| 49 | MA | Medical Alarm |
| 4A | MH | Medical Alarm Restore |
| 4B | MJ | Medical Trouble Restore |
| 4C | MT | Medical Trouble |
| 4D | OA | Automatic Opening |

| PROGRAMMED DIGITS | SIA EVENT CODE | EVENT |
|---|---|---|
| 4E | OC | Cancel Report |
| 4F | OG | Open Area ('+ Area Number') |
| 50 | PT | Dummy |
| 51 | OJ | Late Open |
| 52 | OK | Early Open |
| 53 | OP | Opening Report |
| 54 | OR | Disarm from Alarm |
| 55 | OS | Opening Keyswitch |
| 56 | OZ | Point Opening ('+ Zone or Point') |
| 57 | PA | Panic Alarm |
| 58 | PH | Panic Alarm Restore |
| 59 | PJ | Panic Trouble Restore |
| 5A | PT | Panic Trouble |
| 5B | QA | Emergency Alarm |
| 5C | QH | Emergency Alarm Restore |
| 5D | QJ | Emergency Trouble Restore |
| 5E | QT | Emergency Trouble |
| 5F | RB | Remote Program Begin |
| 60 | UR | Dummy |
| 61 | RP | Automatic Communication Test |
| 62 | RR | Power Up |
| 63 | TA | Tamper Alarm |
| 64 | TR | Tamper Restoral |
| 65 | TX | Communication Test ('Manual or Automatic') |
| 66 | UA | Untyped Zone Alarm |
| 67 | UB | Untyped Zone Bypass |
| 68 | UH | Untyped Alarm Restore |
| 69 | UJ | Untyped Trouble Restore |
| 6A | UR | Untyped Zone Restoral |
| 6B | UT | Untyped Zone Trouble |
| 6C | UU | Untyped Zone Unbypass |
| 6D | VR | Printer Restore |
| 6E | VT | Printer Trouble |
| 6F | XH | RF Interference Restoral |
| 70 | YM | Dummy |
| 71 | XJ | RF Receiver Tamper Restoral |

| PROGRAMMED DIGITS | SIA EVENT CODE | EVENT |
|---|---|---|
| 72 | XQ | RF Interface |
| 73 | XR | Transmitter Battery Restoral |
| 74 | XS | RF Receiver Tamper |
| 75 | XT | Transmitter Battery Trouble |
| 76 | YA | Bell Fault |
| 77 | YC | Receiver/Transmitter Communication Fail |
| 78 | YH | Bell Restoral |
| 79 | YK | Communication Restoral |
| 7A | YM | System (Transmitter/Receiver) Battery Missing |
| 7B | YP | Power Supply Trouble (Transmitter/Receiver) |
| 7C | YQ | Power Supply Restored (Transmitter/Receiver) |
| 7D | YR | System Battery Restoral |
| 7E | YS | Communication Trouble (Transmitter/Receiver) |
| 7F | YT | System Battery Trouble |
| 80 | BZ | Dummy |
| 81 | BZ | Missing Supervision |
| 82 | BV | Intruder Verification |
| 84 | LF | Listen-In Begin |

# Appendix B: Event Log Messages

This appendix provides descriptions of all the Event Log messages.

| EVENT MESSAGE | DESCRIPTION |
|---|---|
| **Activate UO=X** | UO XX activation |
| **Actv UO=XX WB=YY** | UO XX is activated from key-fob YY |
| **Alarm Z=XXX** | Alarm in zone No. XXX |
| **Alarm abort P=X** | Alarm aborted on Partition X |
| **Arm:P=X WB=YY** | Partition X armed by wireless key-fob YY |
| **Arm:P=X C=YY** | Partition X armed by user YY |
| **Bell tamper** | Bell tamper alarm |
| **Bell Tamper rst** | Bell tamper alarm restore |
| **Box tamper** | Box tamper alarm |
| **Box Tamper rst** | Box tamper alarm restore |
| **Bypass Z=XXX** | Zone No. XXX is bypassed |
| **Chang code=XX** | Changing user code by user XX |
| **Chang phone=X** | Changing MS telephone number X |
| **Clock not set** | Time is not set |
| **Clock set C=XX** | Time defined by user No. XX |
| **Comm ok UO=X** | Bus communication restore with X10 expander ID=X |
| **CP reset** | The system has reset |
| **Date set C=XX** | Date defined by user No. XX |
| **Day arm:P=X** | Daily Arm on Partition X |
| **Day disarm:P=X** | Daily Disarm on Partition X |
| **Day home: P=X** | Daily Stay (Home) Arming in Partition X |
| **Disarm:P=X WB=YY** | Partition X disarmed by wireless key-fob YY |
| **Disarm:P=X C=YY** | Partition X disarmed by user YY |
| **Duress C=XX** | Duress alarm from user No. XX |
| **EE ac.upload** | Load new parameters from PTM accessory |
| **Enter program** | Entering Installer programming from keypad or UD software |
| **Exit program** | Exiting Installer programming from keypad or UD software |
| **F.tr ok Z=XXX** | Trouble restore in Fire zone No. XXX |
| **F.trouble Z=XXX** | Trouble in Fire zone No. XXX |
| **False code** | False code due to 3 wrong attempts |
| **False restore** | False code alarm restore |
| **Fire KP=XX** | Fire alarm from the WisDom fire emergency keys(KP=03) or from wireless keypad XX (keys 3 & 4) |
| **Fire Z=XXX** | Fire alarm in zone No. XXX |
| **Foil ok Z=XXX** | Restore in foil (Day) zone No. XXX |
| **Foil Z=XXX** | Trouble in foil (Day) zone No. XXX |
| **Forced P=X** | Partition X is force armed |

| EVENT MESSAGE | DESCRIPTION |
|---|---|
| **Found Z=XXX** | Wireless zone found, zone No. XXX |
| **Func=XX C=YY** | Quick key function XX by user YY |
| **Home:P=X C=YY** | Partition X is armed in Stay(Home) mode by user YY |
| **Home:P=X WB=YY** | Partition X is armed in Stay(Home) from key-fob YY |
| **Jamming restore** | Wireless jamming restore |
| **Ksw arm:P=X** | Partition X is armed by keyswitch |
| **Ksw disarm:P=X** | Partition X is disarmed by keyswitch |
| **L.bat rstr WB=XX** | Low battery trouble restore from wireless key-fob XX |
| **LB rstr Z=XXX** | Low battery restore from wireless zone No. XXX |
| **Lost Z=XXX** | Wireless zone lost, zone No. XXX |
| **Low bat. WB=XX** | Low battery trouble from wireless key-fob XX |
| **Low bat Z=XXX** | Low battery trouble from wireless zone No. XXX |
| **Main: bell rs** | Bell trouble restore |
| **Main:AC Restore** | AC power restore to the system |
| **Main:AUX restore** | Restore of Aux power |
| **Main:Battery rst** | System low battery trouble restore |
| **Main:low AC** | Loss of AC power from the system |
| **Main:Low battery** | System low battery trouble from the WisDom |
| **Main:no aux** | Failure in the system's Aux power |
| **Main:no bell** | Bell trouble |
| **MS=X call error** | Communication fail trouble to MS phone No. X |
| **MS=X restore** | Communication fail trouble restore to MS phone No. X |
| **Next arm:P=X** | Partition X armed in Next Arm(Away) mode |
| **Next disarm:P=X** | Partition X disarmed in Next Disarm mode |
| **Next home: P=X** | Partition X armed in Next Stay(Home) mode |
| **No comm UO=X** | Communication failure with X10 expander ID=X |
| **Phone restore** | Phone line trouble restore |
| **Phone fail** | If the phone line is cut or the DC level is under 3V |
| **Police KP=XX** | Police (panic) alarm from the WisDom police (KP=03) or from wireless keypad XX (keys 1 & 2) |
| **Police WB=XX** | Police (panic) alarm from key-fob XX |
| **RF Jamming** | Wireless system jamming |
| **Remote home: P=X** | Partition X armed in Stay(Home) mode from the UD software |
| **Remote program** | The system has been programmed from the UD software |
| **Restore Z=XXX** | Alarm restore in zone No. XXX |
| **Remote arm:P=X** | Partition X armed from the UD software |
| **Rmt disarm:P=X** | Partition X disarmed from the UD software |
| **Spec. KP=XX** | Special alarm from the WisDom emergency keys(KP=03) or from wireless keypad XX (keys 7 & 8) |
| **Soak fail Z=XXX** | Zone XXX has failed in the Soak test |
| **Start exit P=X** | Exit time started in partition X |

| EVENT MESSAGE | DESCRIPTION |
|---|---|
| **Tamper KP=XX** | Tamper alarm from keypad ID=XX (The WisDom is recognized as KP=03) |
| **Tamper UO=X** | Tamper alarm from X10 expander ID=X |
| **Tamper Z=XXX** | Tamper alarm from zone No. XXX |
| **Tamper rst KP=XX** | Keypad XX tamper restore |
| **Tamper rst UO=X** | Tamper alarm restore from X10 expander ID=X |
| **Tamper rs Z=XXX** | Tamper alarm restore on zone No. XXX |
| **Unbypass Z=XXX** | Zone No. XXX is unbypassed |

# Appendix C: WisDom Accessories

| Wireless Transmitters 868 MHz | Description |
|---|---|
| RWT92086800A | Wireless PIR detector 868 MHz |
| RWT92P86800A | Wireless PIR detector with pet immunity 868 MHz |
| RWT32S86800A | Wireless smoke detector 868 MHz |
| RWT72C86800A | Wireless door contact transmitter 868 MHz |
| RWT72M86800A | Wireless door contact + magnet transmitter 868 MHz |
| RWT72P86800A | Door / Shutter Wireless contact 868 MHz |
| RWT72X86800A | 2 channel Shutter/Universal transmitter 868 MHz |
| RP128T4RC00A | 4-button rolling code transmitter 868 MHz |
| RP128T4Z000A | 4-channel button zone button transmitter 868 MHz |
| RWT50P86800A | Wireless panic button 868 MHz |
| **Wireless Transmitters 433 MHz** | **Description** |
| RWT90EUV2 | Wireless PIR detector 433 MHz |
| RWT90PEU000A | Wireless PIR detector with pet immunity 433 MHz |
| RWT30EUV2 | Wireless smoke detector 433 MHz |
| RWT71EUV2 | Wireless door contact transmitter 433 MHz |
| RWT71EUMV2 | Wireless door contact + magnet transmitter 433 MHz |
| RWT71EUPV2 | Wireless universal/shutter 433 MHz |
| RP296T4RC00A | 4-button rolling code transmitter 433 MHz |
| RWT540000EUA | 3 Channel button zone transmitter, 433 MHz |
| RWT50EUV2 | Wireless panic button, 433 MHz |
| **Keypads** | **Description** |
| RWSALKWL100A | Wireless Keypad 868 MHz |
| RWSALKWL100H | Wireless Keypad 433 MHz |
| **Wireless Repeaters** | **Description** |
| RP128EWR000A | Wireless Repeater 868 MHz |
| RP128EWR000A | Wireless Repeater 433 MHz |
| **X-10 Module** | **Description** |
| RP296XT | X-10 interface module |
| **Installer Programming Tools** | **Description** |
| RP128UDIN000A | Upload/Download Software CD |
| RP128EE000A | Program Transfer Module |
| RP296EBA | BUS adapter (cable) used for local PC-based Uploading/Downloading operations |
| RP128EUSB00A | USB 232 + 9/25 pin converter + PR296EBA for local use to connect between a PC USB port and the WisDom BUS connector |

# NOTES

# RTTE Declaration Of Conformity

Hereby, Rokonet Electronics Ltd, declares that these control panels (RWSAL0868xxA*, RWSALV868xxA*, RWSAL0433xxA*, RWSALV433xxA*), with wired accessories (including cables) and wireless accessories, is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC

CE①

- The RWSAL0868xxA*, RWSALV868xxA* are restricted for use in the Slovak Republic.
- The RWSAL0433xxA*, RWSALV433xxA* are not restricted for use in any of the European Community Countries

*: xx represents a country or customer code.

# Rokonet Limited Warranty

Rokonet Electronics, Ltd. and its subsidiaries and affiliates ("Seller") warrants its products to be free from defects in materials and workmanship under normal use for 12 months from the date of production. Because Seller does not install or connect the product and because the product may be used in conjunction with products not manufactured by the Seller, Seller cannot guarantee the performance of the security system which uses this product. Seller's obligation and liability under this warranty is expressly limited to repairing and replacing, at Seller's option, within a reasonable time after the date of delivery, any product not meeting the specifications. Seller makes no other warranty, expressed or implied, and makes no warranty of merchantability or of fitness for any particular purpose.

In no case shall seller be liable for any consequential or incidental damages for breach of this or any other warranty, expressed or implied, or upon any other basis of liability whatsoever.

Seller's obligation under this warranty shall not include any transportation charges or costs of installation or any liability for direct, indirect, or consequential damages or delay.

Seller does not represent that its product may not be compromised or circumvented; that the product will prevent any persona; injury or property loss by burglary, robbery, fire or otherwise; or that the product will in all cases provide adequate warning or protection. Buyer understands that a properly installed and maintained alarm may only reduce the risk of burglary, robbery or fire without warning, but is not insurance or a guaranty that such will not occur or that there will be no personal injury or property loss as a result.

Consequently seller shall have no liability for any personal injury, property damage or loss based on a claim that the product fails to give warning. However, if seller is held liable, whether directly or indirectly, for any loss or damage arising from under this limited warranty or otherwise, regardless of cause or origin, sellers maximum liability shall not exceed the purchase price of the product, which shall be complete and exclusive remedy against seller.

No employee or representative of Seller is authorized to change this warranty in any way or grant any other warranty.

WARNING: This product should be tested at least once a week.

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